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ABSTRACT

The North Carolina State Board of Education, as part of the Quality Assurance Program, initially established a computer proficiency requirement for diplomas issued to the Class of 2000. In October 1995, the Board made the requirement effective beginning with the graduating class of 2001. Students who were in grade eight for the 1996-97 school year and beyond are required to satisfy the computer proficiency requirement in order to receive a high school diploma. The requirement is based on the kindergarten through grade 8 competencies of the K-12 computer skills curriculum approved in July 1992 by the State Board of Education. These competencies are defined in the North Carolina "Standard Course of Study" (SCS). The goals of the requirement are to ensure that most students enter high school with sufficient computer skills and no student exits North Carolina high schools without sufficient computer skills. The multiple choice and performance test assesses: word processing; keyboarding; database use; spreadsheet use; telecomputing skills; societal issues; ethics; terms, operation, and care of computers; and use of computers in various curricular areas. The performance test consists of four parts: keyboarding techniques; word processing/editing; database use; and spreadsheet use. This document reports the performance of students in the class of 2001 as tenth graders, the class of 2002 as ninth graders, and the class of 2003 as eighth graders on the computer skills test. For the 1998-99 school year, 74.9% of students who took the tests met the requirement at the end of eighth grade. There were disparities in performance among subgroups. Hispanic (49.7%), Black (58.5%), and American Indian (60.1%) subgroups had lower percentages passing the proficiency requirement than Asian (72.8%), Multi-Racial (73.2%), and White (84%) subgroups. For the same school year, 76.6% of students who took the tests met the requirement by the end of ninth grade. Hispanic (50.7%), American Indian (62.1%), and Black (62.8%) subgroups had lower percentages passing the proficiency requirement than the Asian (70.1%), Multi-Racial (74.2%), and White (84.7%) subgroups. Findings for tenth grade revealed 80.8% of students taking the tests had met the requirements by the end of tenth grade. Hispanic (61.7%), Black (69.1%), and American Indian (69.1%) subgroups had lower percentages passing the requirement than the Multi-Racial (72.1%), Asian (72.8%), and White (87%)

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subgroups. Findings are highlighted in the following categories: 1998-99 student performance--comparison of 8th, 9th, and 10th grade performance; and student performance by ethnicity. Twenty-four tables and seven figures present findings. Sample questions and answers for the tests are included and a list of charter schools is appended. (AEF)

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Report of 1998-99 Student Performance North Carolina Tests of Computer Skills

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Reporting on the Classes of 2001-2003
for the state and 117 public school systems
and 61 charter schools
Published September 2000

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1998-99 Report of Student Performance
North Carolina Tests of Computer Skills

September, 2000

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State Board of Education
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Office of Instructional and Accountability Services
Division of Accountability Services / Testing Section

Acknowledgments

This report is the collaborative work of many individuals. The North Carolina Testing Program is conducted by the North Carolina Department of Public Instruction (NCDPI), Division of Accountability Services, Testing Section. Technical support services for the program are carried out in collaboration with the Center for Urban Affairs and Community Services at North Carolina State University under the Technical Outreach to Public Schools (TOPS) program.

Mildred Bazemore, Chief of the Testing Section, and Monica Geary, Education Research and Evaluation Consultant at NCDPI, provided invaluable guidance in content and design. Andrea Barefoot, Education Research and Evaluation Consultant with TOPS, serves as liaison with NCDPI and leads the Analysis Group at TOPS. Betty Marsh, Statistician/Analyst with the Analysis Group, collected and compiled the statistical data. Mary Daly, Social Research Associate, produced the statistical graphics. Anthony Wells, Statistician, assisted in quality control. Jeff LaBelle provided the cover and divider page graphics.

Thanks are due especially to the Regional Accountability Coordinators, and the Test Coordinators and Accountability staff at the 117 public school systems and the many charter schools who went to unprecedented lengths to organize, audit and confirm the data presented here. This report could not exist without the dedication of these professionals.

Executive Summary
1998-99 Report of Student Performance
North Carolina Tests of Computer Skills

Background

- The State Board of Education, as part of the Quality Assurance Program, initially established a computer proficiency requirement for diplomas issued to the Class of 2000. In October of 1995, the Board modified the requirement by making it effective beginning with the graduating class of 2001. Students who were in grade eight for the 1996-97 school year and beyond are required to satisfy the computer proficiency requirement in order to receive a North Carolina high school diploma.
- The first opportunity to meet the computer skills proficiency requirement arises during eighth grade. Passing the computer skills standard is defined as passing both the multiple-choice and performance portions of the North Carolina Tests of Computer Skills.
- The Class of 2001 completed the eighth grade at the end of the 1996-97 school year. The Class of 2002 completed the eighth grade at the end of the 1997-98 school year. The Class of 2003 completed the eighth grade at the end of the 1998-99 school year.

Findings for Eighth Grade

(Class of 2003)

- For the 1998-99 school year, 74.9 percent of students who took the tests met the requirement at the end of grade eight.
- There were disparities in performance among subgroups. The Hispanic (49.7%), Black (58.5%), and American Indian (60.1%) subgroups had lower percentages passing the proficiency requirement than the Asian (72.8%), Multi-Racial (73.2%), and White (84.0%) subgroups.

Findings for Ninth Grade

(Class of 2002)

- For the 1998-99 school year, 76.6 percent of students who took the tests had met the requirement by the end of grade nine.
- There were disparities in performance among subgroups. The Hispanic (50.7), American Indian (62.1), and Black (62.8%), subgroups had lower percentages passing the proficiency requirement than the Asian (70.1%), Multi-Racial (74.2%), and White (84.7%) subgroups.

Findings for Tenth Grade

(Class of 2001)

- For the 1998-99 school year, 80.8 percent of students who took the tests had met the requirement by the end of grade ten.
- There were disparities in performance among subgroups. The Hispanic (61.7%), Black (69.1%), and American Indian (69.5%) subgroups had lower percentages passing the proficiency requirement than the Multi-Racial (72.1%), Asian (72.8%), and White (87.0%) subgroups.

The 1998-99 Report of Student Performance

North Carolina Tests of Computer Skills

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Introduction

The State Board of Education, as part of the Quality Assurance Program, initially established a computer proficiency requirement for diplomas issued to the Class of 2000. In October of 1995, the Board modified the requirement by making it effective beginning with the graduating class of 2001. Students who were in grade eight for the 1996-97 school year and beyond are required to satisfy the computer proficiency requirement in order to receive a North Carolina high school diploma. The requirement is based on the kindergarten through grade 8 competencies of the K-12 computer skills curriculum approved in July 1992 by the State Board of Education. These competencies are defined in the North Carolina *Standard Course of Study* (SCS). The goals of the requirement are to ensure that: (1) most students enter high school with sufficient computer skills, and (2) no student exits North Carolina high schools without sufficient computer skills.

The North Carolina Tests of Computer Skills (multiple-choice and performance) must be administered by the end of grade eight with subsequent opportunities during high school, as needed, to allow students to satisfy the requirement before completing their senior year in high school. The multiple-choice test assesses (1) word processing; (2) keyboarding; (3) database use; (4) spreadsheet use; (5) telecomputing skills; (6) societal issues; (7) ethics; (8) terms, operations, and care of computers; and (9) the use of computers in various curricular areas. The performance test consists of four parts: keyboarding techniques, word processing/editing, database use, and spreadsheet use.

Computers have become an integral part of today's world, both in the home and in the marketplace; therefore, computer proficiency is necessary for graduates of North Carolina's high schools.

Initially, in order to meet the requirement, students were required to achieve a scale score on the performance part of the test equal to or greater than 49 ***and*** a combined scale score equal to or greater than 46. Under the old standard when the pass/fail status was assigned, it was assigned for student performance for both parts of the test. The multiple-choice and performance parts of the test were not separate but considered together in determining a student's pass/fail status.

At the recommendation of the Computer Skills Advisory Committee, after input from educators and others, the State Board of Education modified the standard for passing the computer skills requirement effective July 1, 1997. The modified standard requires that the test be separated into two tests: a multiple-choice test and a performance test. Either test may be passed independently of the other. To pass under the new standard, a student must achieve a performance test scale score of 49 or above ***and*** a multiple-choice test scale score of 47 or above.

When documented through the Individualized Education Program (IEP), some students with disabilities may fulfill the computer skills proficiency requirement through the use of portfolio assessment accommodation.

The purpose of this document is to report the performance of students in the class of 2001 as tenth graders, the class of 2002 as ninth graders, and the class of 2003 as eighth graders on the computer skills tests. Sample questions have been included in the report to provide examples of items on the tests.

Background

Definitions

- The first opportunity to meet the computer skills proficiency requirement is during the eighth grade. Passing the computer skills standard is defined as passing both the multiple-choice and performance tests.
- The Class of 2001 completed the eighth grade at the end of the 1996-97 school year. The Class of 2002 completed the eighth grade at the end of the 1997-98 school year. The Class of 2003 completed the eighth grade at the end of the 1998-99 school year.

The Standard

- Beginning with the fall of 1997 testing, a student must have a scale score of at least 47 on the multiple-choice test and a scale score of at least 49 on the performance test to meet the computer skills proficiency requirement.
- Students are retested only on the test that they have not passed.

Computer Skills Requirement Guidelines

- Beginning with students in the eighth grade during the 1996-97 school year, in order to receive a North Carolina high school diploma, students must demonstrate computer skills proficiency.
- Beginning with the eighth grade, a student must be provided focused instructional remedial when the student has not passed the multiple-choice or performance tests until the proficiency requirement has been met.
- Each senior must have at one additional opportunity during the last month of school prior to graduation to demonstrate computer skills proficiency.

Testing Accommodations

- Accommodations are available for students with disabilities, students identified under Section 504 of the Rehabilitation Act of 1973, and students who are limited English proficient.
- Accommodations must be developed in accordance with *Testing Modifications and Accommodations for Students Disabilities and Guidelines for Testing Students with Limited English Proficiency*.
- The need for accommodations must be documented (for example, in the student's Individualized Education Program (IEP) or Written Accommodation Plan). Accommodations used are to be consistent with routine instructional use and must not violate the intent of the test.

The Computer Skills Portfolio

- The expectation is that all students will take the test during the eighth grade. The portfolio assessment is available for those students with disabilities (only) who cannot take the test under standard administration conditions or with the accommodations provided for the tests. Portfolio use must be documented on the Individualized Education Program (IEP).

The Computer Skills Portfolio (Continued)

- The purpose of portfolio assessment is not to provide an easier alternative to demonstrating competency, but to provide an appropriate alternative that meets the same high standards as the tests.
- There is no time limit for completion of the portfolio except that successful completion is required prior to graduation.
- The expectation is that work to be included in the portfolio will be completed within the school setting over a period of time. The student's teacher and principal must verify the authenticity of the student's portfolio work.

Scoring Portfolios

- The LEA is responsible for scoring all portfolios for that system.
- The LEA test coordinator, the exceptional children's administrator, and the computer coordinator provide direction for the scoring and approval process for completed portfolios. The LEA may involve other personnel as deemed appropriate.

Exemptions from Testing

- Exemption from testing **does not** exempt students from the graduation requirement. Exemption from the computer proficiency requirement denies the opportunity for the student to meet one of the requirements for a North Carolina high school diploma.
- When a student is exempted, the parent and student are advised of the long-term consequences of exemption. LEAs are to reference the most recent publications of *Testing Modifications and Accommodations for Students with Disabilities* and *Guidelines for Testing Students with Limited English Proficiency* for proper procedures to follow for exemptions.

Resources Provided by NCDPI

- Lesson plans and staff development activities have been provided by the NCDPI since the computer skills curriculum was revised in 1992. Some of the lesson plans are available on the DPI InfoWeb (www.NCPublicSchools.org) and through the NCDPI Office of Publications.
- A released form of the computer skills test was provided to all LEAs. Copies have been provided at conferences and workshop presentations. In addition, a copy is available on the DPI InfoWeb.
- The NCDPI Division of Accountability Services/Testing Section provides all school systems and charter schools with ample copies of the *North Carolina Tests of Computer Skills Student Handbook* to be distributed to the appropriate students. The handbook includes information about the proficiency requirement and computer skills tests taking strategies, and sample questions.

Data Verification

- For the 1998-99 school year, the North Carolina Test of Computer Skills multiple-choice was scored and aggregated locally. School Systems reported summary data only to NCDPI. The performance tests were scored by a contractor who provided the score reports to the LEAs and subsequently the NCDPI.

Differences in Data Analysis: 1996-97, 1997-98, 1998-99

- The data collected for the Computer Skills test in 1997 and 1998 used the same denominator, which included the number of pupils tested in both performance and multiple choice. In 1999, the denominator included the number of pupils on the NCDPI masterbuild file, including exempted and absent pupils.
- In 1997, Fall and Spring data were merged centrally and LEAs had the opportunity to correct the final file of pupils. In 1998, all test administrations from Fall 1997 to Spring 1998 were merged centrally, accounting for the NC State Board of Education's change in the standard. Most school systems edited the merged file locally and returned a file of pupil data that had a pass/fail flag for performance and a pass/fail flag for multiple choice. In 1999, a blank form was sent to LEAs to collect summary data (not pupil data), with a column for the number of pupils on the masterbuild (including absent and exempt pupils) and a column for the number passing both performance and multiple choice.

List of Supported Software Packages

- AppleWorks 2.x, 3.x, 4.x
- ClarisWorks for Macintosh 1.x, 2.x, 3.x, 4.x, 5.x
- ClarisWorks for Windows 3.x, 4.x, 5.x
- ClarisWorks/AppleWorks for Macintosh 5.x
- MS Works for Macintosh 2.x, 3.x, 4.x
- MS Works DOS 2.0, 3.0
- MS Works for Windows 2.x, 3.x, 4.x
- MS Office Pro for Windows 4.x, 95, 97
- PFS: First Choice

Findings

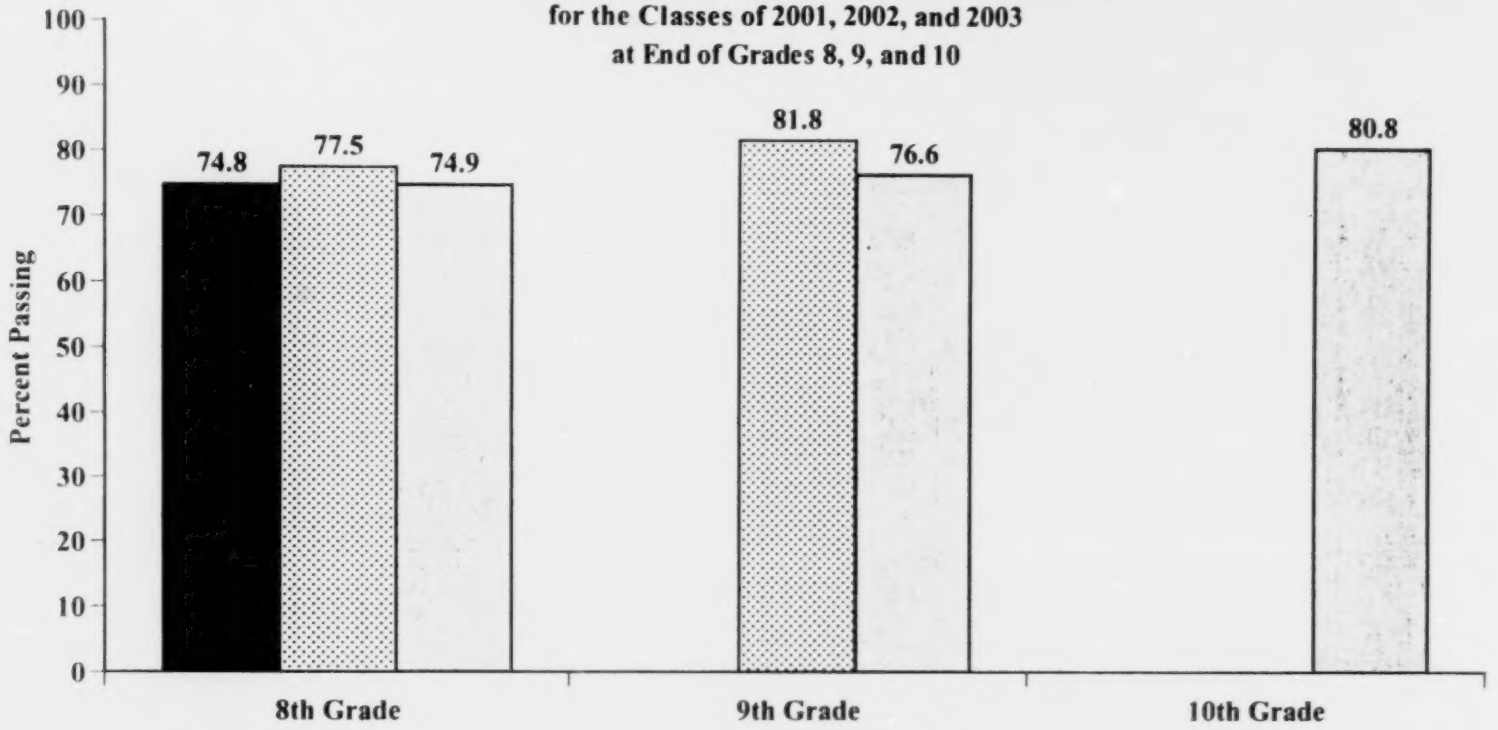
1998-99 Student Performance

- For the 1998-99 school year, 74.9 percent of eighth graders, 76.6 percent of ninth graders, and 80.8 percent of tenth graders had passed the computer skills proficiency requirement.
- At of the end of the 1998-99 school year, approximately 271,193 students were eligible for both the multiple-choice and performance tests. Of these, 209,462 students passed both parts, for an overall passing rate of 77.2 percent.
- The percent of eighth graders passing the proficiency requirement increased from 74.8 percent in 1996-97 to 77.5 percent in 1997-98, but then decreased from 74.9 percent in 1998-99.

Student Performance by Ethnicity

- There were disparities in performance among subgroups of eighth graders, ninth graders, and tenth graders.
- By the end of the 1998-99 school year, a smaller percentage of eighth graders had passed the proficiency requirement in the Hispanic (49.7%), Black (58.5%), and American Indian (60.1%) subgroups than in the Asian (72.8%), Multi-Racial (73.2%), and White (84.0%) subgroups.
- The percent of eighth graders passing the proficiency requirement increased for the Black subgroup from 1997-98 (58.5%) to 1998-99 (62.8%).
- By the end of the 1998-99 school year, a smaller percentage of ninth graders had passed the proficiency requirement in the Hispanic (50.7%), American Indian (62.1%), and Black (62.8%) subgroups than in the Asian (70.1%), Multi-Racial (74.2%), and White (84.7%) subgroups.
- By the end of the 1998-99 school year, a smaller percentage of tenth graders had passed the proficiency requirement in the Hispanic (61.7%), Black (69.1%), and American Indian (69.5%) subgroups than in the Multi-Racial (72.1%), Asian (72.8%) and White (87.0%) subgroups.

Figure 1. 1996-97 to 1998-99 North Carolina Tests of Computer Skills
Percent Passing* (Multiple-Choice and Performance)
for the Classes of 2001, 2002, and 2003
at End of Grades 8, 9, and 10

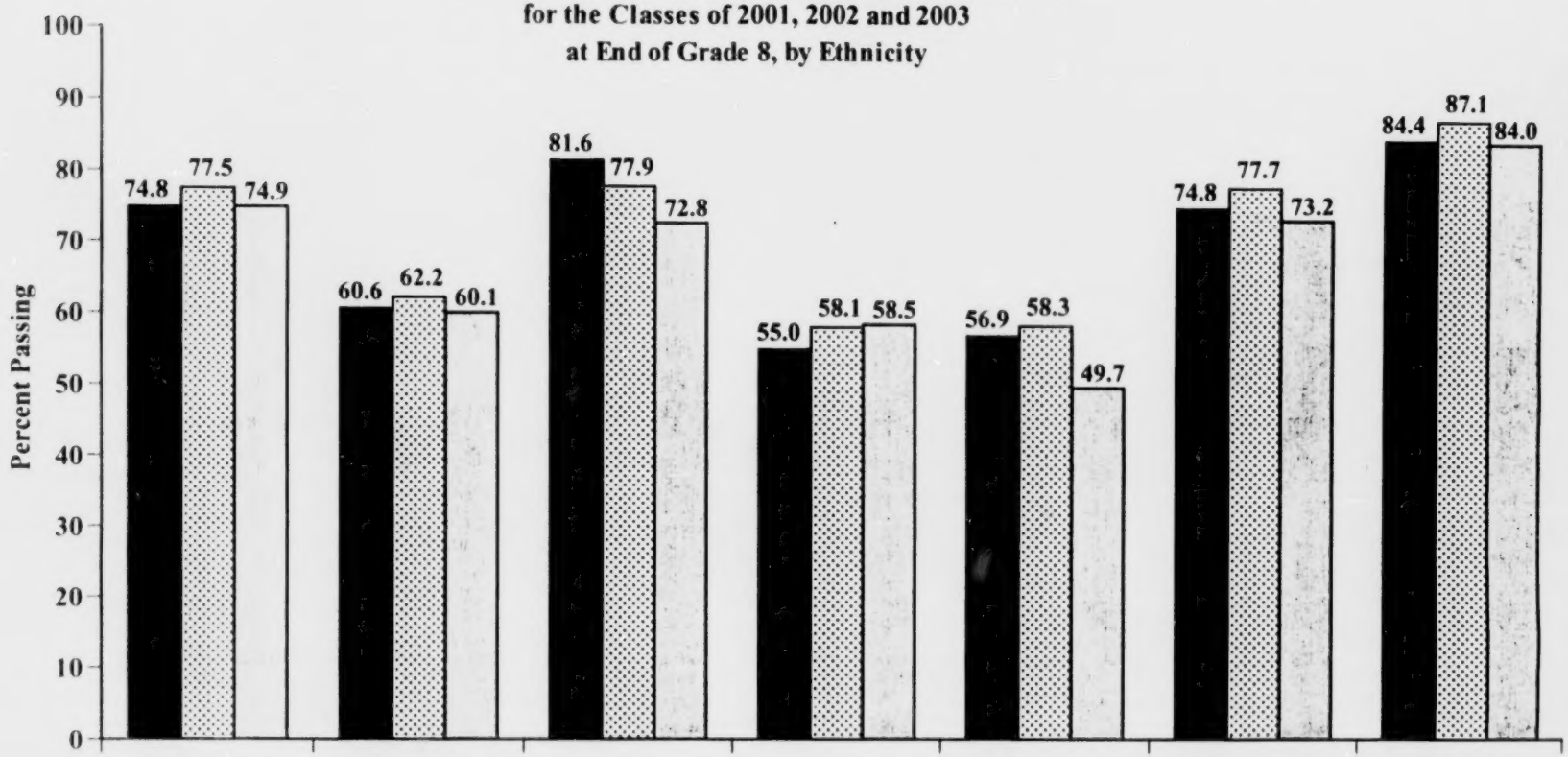


	8th Grade	9th Grade	10th Grade
1996-97	**Class of 2001** N Passing = 66,695 N Eligible = 89,217		
1997-98	**Class of 2002** N Passing = 70,480 N Eligible = 90,906	**Class of 2001** N Passing = 71,204 N Eligible = 87,061	
1998-99	**Class of 2003** N Passing = 71,457 N Eligible = 95,377	**Class of 2002** N Passing = 73,839 N Eligible = 96,431	**Class of 2001** N Passing = 64,166 N Eligible = 79,385

1996-97 1997-98 1998-99

Notes. *These data represent the highest test score of each student for all test administrations in which the student participated. Data received from LEAs after April 30, 2000 are not included in this figure.

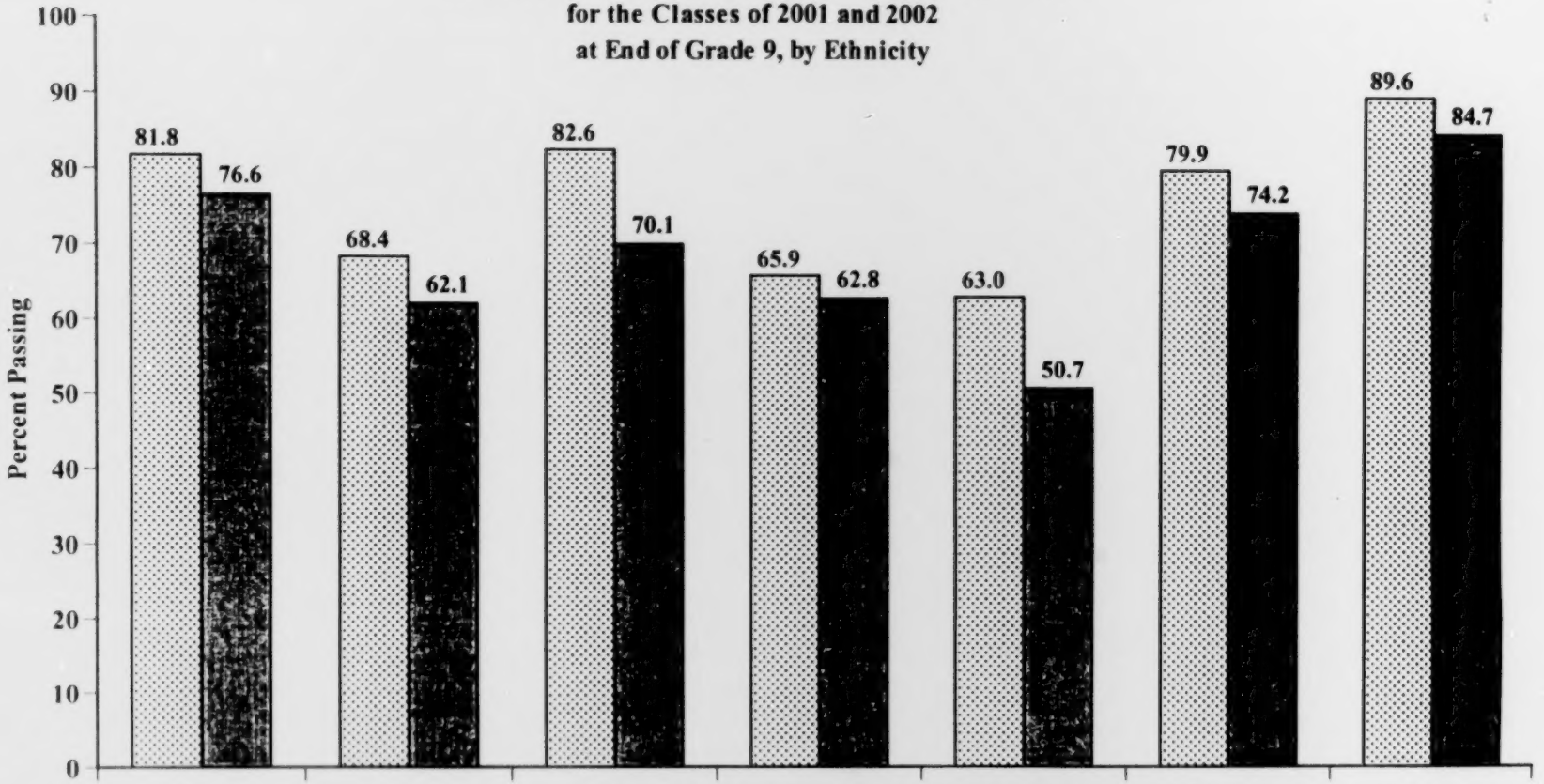
Figure 2. 1996-97 to 1998-99 North Carolina Tests of Computer Skills
Percent Passing* (Multiple-Choice and Performance)
for the Classes of 2001, 2002 and 2003
at End of Grade 8, by Ethnicity



	State	American Indian	Asian	Black	Hispanic	Multi-Racial	White
1996-97 Class of 2001	N Passing = 66,695 N Eligible = 89,217	N Passing = 954 N Eligible = 1,573	N Passing = 781 N Eligible = 957	N Passing = 14,054 N Eligible = 25,547	N Passing = 886 N Eligible = 1,558	N Passing = 787 N Eligible = 1,052	N Passing = 48,491 N Eligible =57,421
1997-98 Class of 2002	N Passing = 70,480 N Eligible = 90,906	N Passing = 867 N Eligible = 1,394	N Passing = 1,120 N Eligible = 1,437	N Passing = 14,794 N Eligible = 25,467	N Passing = 1,155 N Eligible = 1,982	N Passing = 962 N Eligible = 1,238	N Passing = 51,282 N Eligible =58,910
1998-99 Class of 2003	N Passing = 71,457 N Eligible = 95,377	N Passing = 861 N Eligible = 1,433	N Passing = 1,212 N Eligible = 1,664	N Passing = 16,422 N Eligible = 28,071	N Passing = 1,303 N Eligible = 2,622	N Passing = 469 N Eligible = 641	N Passing =51,176 N Eligible = 60,924

Notes. *These data represent the highest test score of each student for all test administrations in which the student participated. Data received from LEAs after April 30, 2000 are not included in this figure.

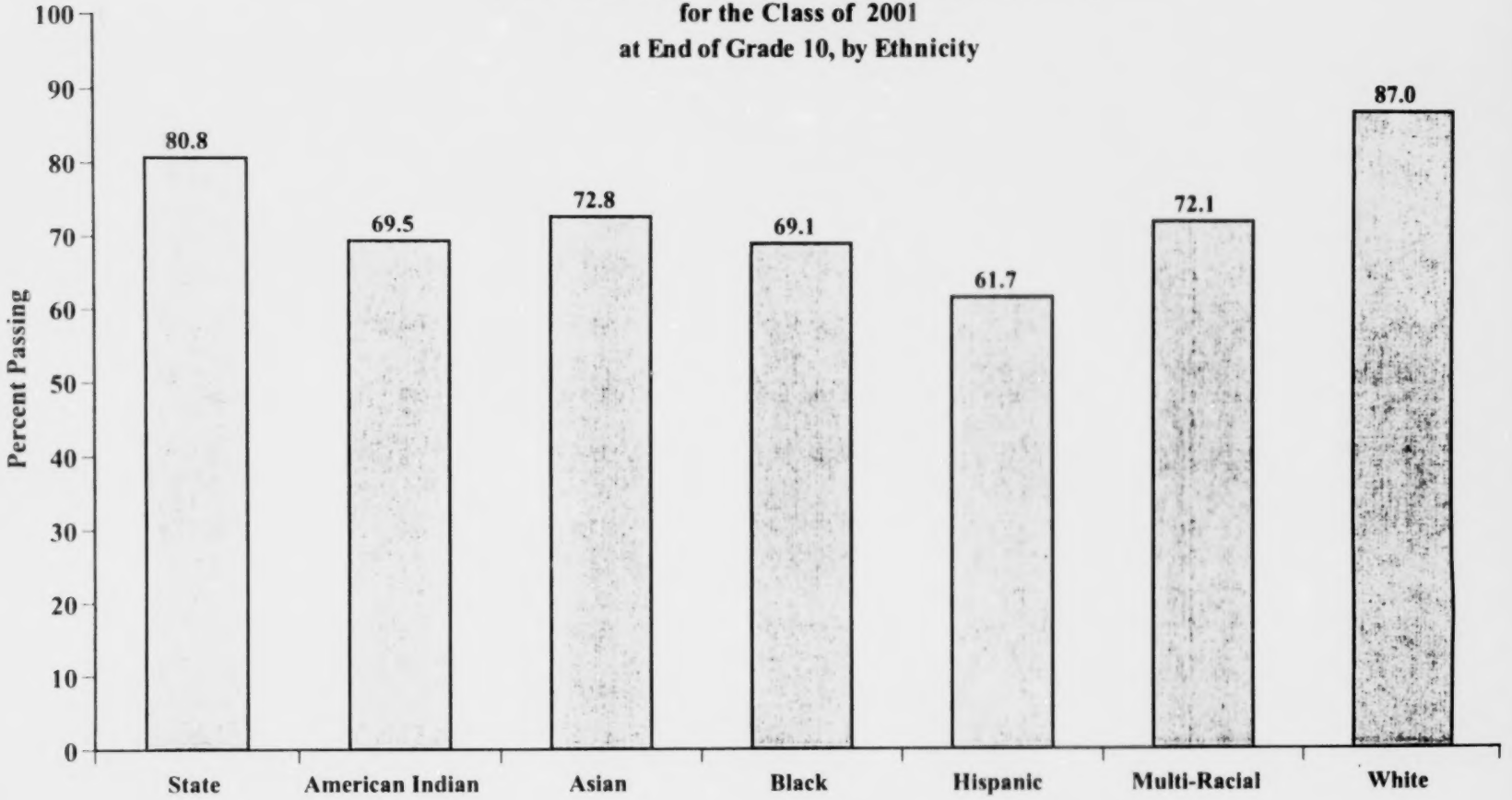
Figure 3. 1997-98 to 1998-99 North Carolina Tests of Computer Skills
Percent Passing* (Multiple-Choice and Performance)
for the Classes of 2001 and 2002
at End of Grade 9, by Ethnicity



	State	American Indian	Asian	Black	Hispanic	Multi-Racial	White
1997-98 Class of 2001	N Passing = 71,204 N Eligible = 87,061	N Passing = 1,021 N Eligible = 1,492	N Passing = 1,037 N Eligible = 1,255	N Passing = 15,895 N Eligible = 24,113	N Passing = 1,080 N Eligible = 1,714	N Passing = 858 N Eligible = 1,074	N Passing = 50,869 N Eligible = 56,795
1998-99 Class of 2002	N Passing = 73,839 N Eligible = 96,431	N Passing = 958 N Eligible = 1,542	N Passing = 1,237 N Eligible = 1,764	N Passing = 18,105 N Eligible = 28,809	N Passing = 1,265 N Eligible = 2,495	N Passing = 446 N Eligible = 601	N Passing = 51,819 N Eligible = 61,200

Notes: *These data represent the highest test score of each student for all test administrations in which the student participated. Data received from LEAs after April 30, 2000 are not included in this figure.

Figure 4. 1998-99 North Carolina Tests of Computer Skills
Percent Passing* (Multiple-Choice and Performance)
for the Class of 2001
at End of Grade 10, by Ethnicity

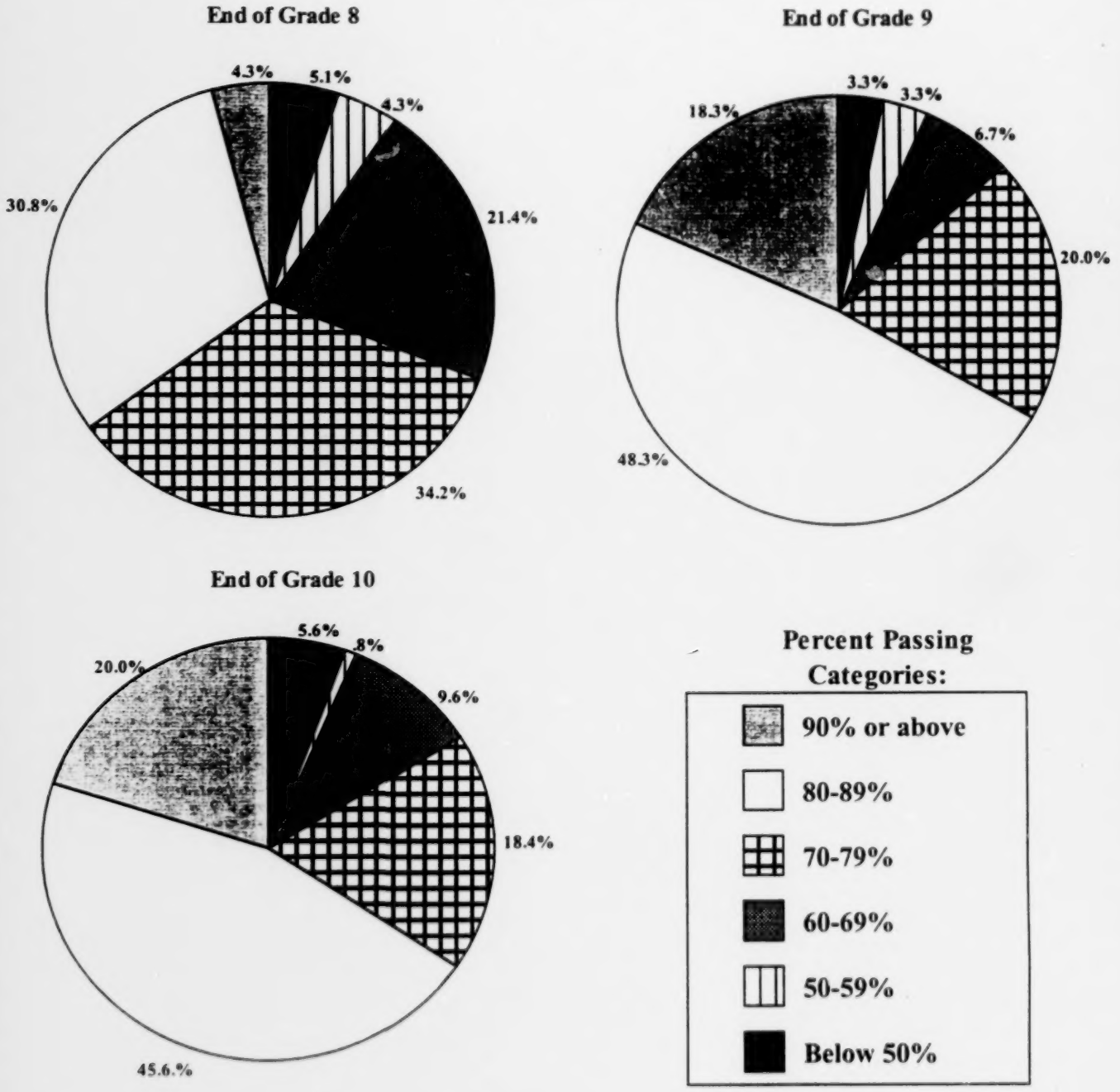


	State	American Indian	Asian	Black	Hispanic	Multi-Racial	White
1998-99	N Passing = 64,166	N Passing = 749	N Passing = 1,108	N Passing = 15,652	N Passing = 993	N Passing = 302	N Passing = 45,345
Class of 2001	N Eligible = 79,385	N Eligible = 1,077	N Eligible = 1,522	N Eligible = 22,636	N Eligible = 1,610	N Eligible = 419	N Eligible = 52,092

1998-99

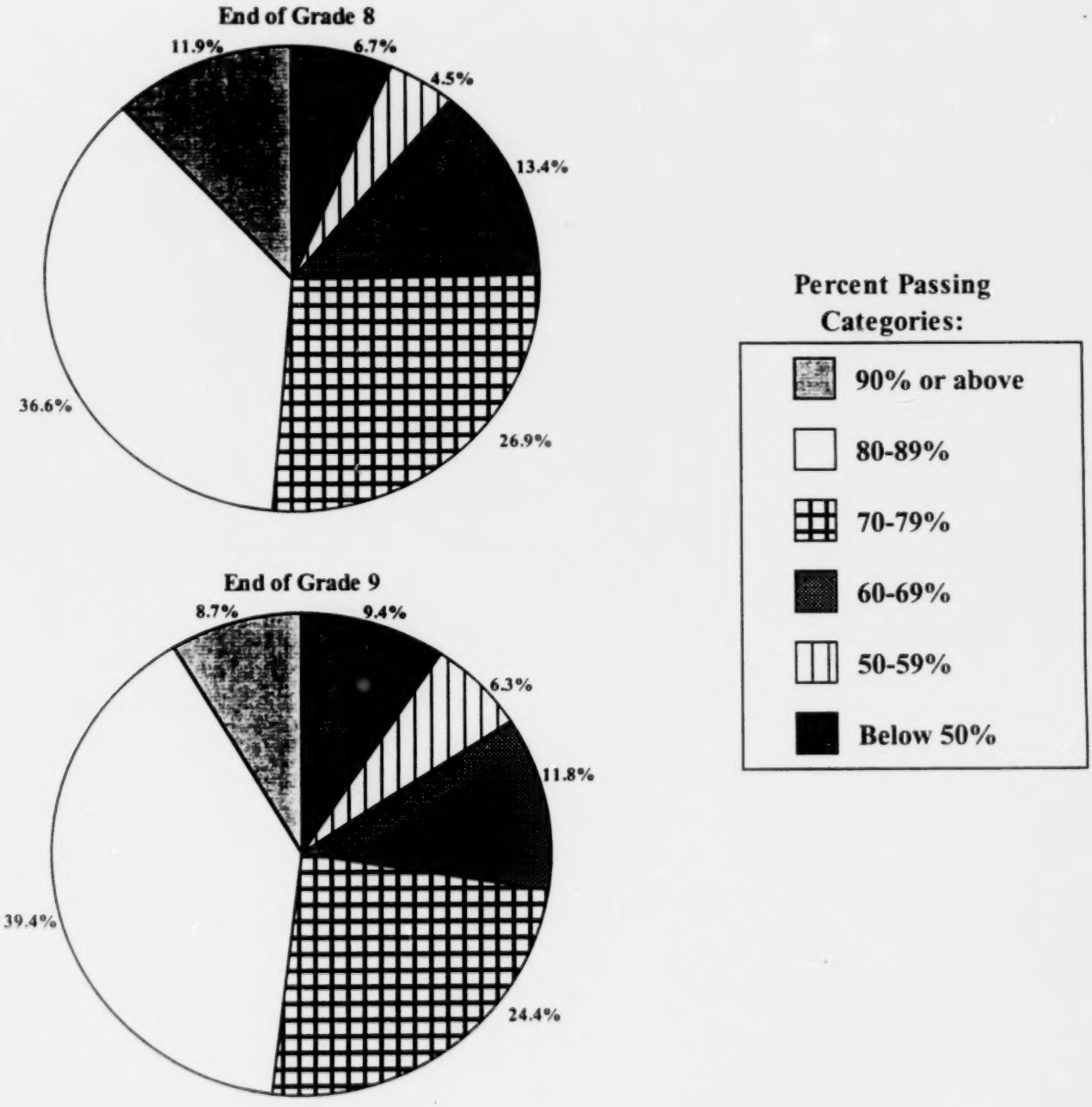
Notes • These data represent the highest test score of each student for all test administrations in which the student participated. Data received from LEAs after April 30, 2000 are not included in this figure.

Figure 5. 1996-97 to 1998-99 North Carolina Tests of Computer Skills
Percent of LEAs in Each Percent Passing* (Multiple-Choice and Performance) Category
for the Class of 2001
at End of Grades 8, 9, and 10



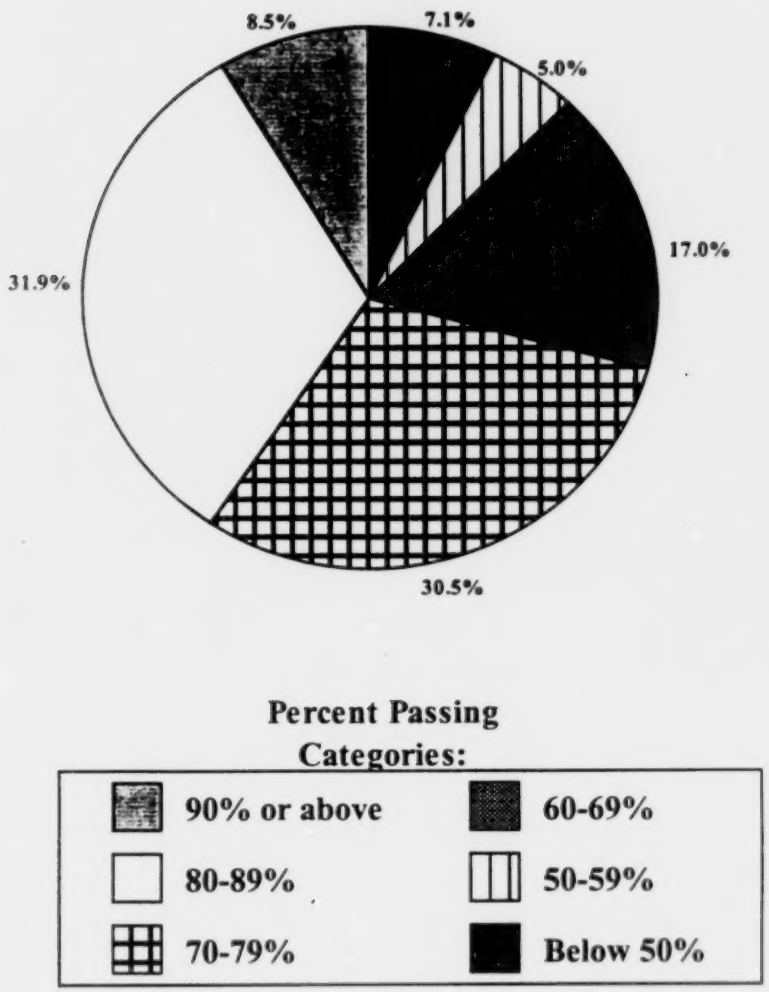
Notes: *These data represent the highest test score of each student for all test administrations in which the student participated.
Percent passing categories may not sum to 100% due to rounding.
Data received from LEAs after April 30, 2000 are not included in this figure.

Figure 6. 1997-98 to 1998-99 North Carolina Tests of Computer Skills
Percent of LEAs in Each Percent Passing* (Multiple-Choice and Performance) Category
for the Class of 2002
at End of Grades 8 and 9



Notes *These data represent the highest test score of each student for all test administrations in which the student participated.
Percent passing categories may not sum to 100% due to rounding.
Data received from LEAs after April 30, 2000 are not included in this figure.

Figure 7. 1998-99 North Carolina Tests of Computer Skills
Percent of LEAs in Each Percent Passing* (Multiple-Choice and Performance) Category
for the Class of 2003
at End of Grade 8



Notes: *These data represent the highest test score of each student for all test administrations in which the student participated.
Percent passing categories may not sum to 100% due to rounding.
Data received from LEAs after April 30, 2000 are not included in this figure.

Table 1. 1998-99 North Carolina Tests of Computer Skills Percent Passing* (Multiple-Choice and Performance) Category for the Class of 2003 at End of Grade 8, by LEA

Below 50% N=10

C.G. Woodson**
Carter Community**
Kennedy Charter**
Lift Acad**
Phase Acad**
Quality Education**
Right Step**
Sankore School**
Warren
Weldon City

50-59% N=7

Brevard Acad**
Halifax
Hertford
Kestrel Heights**
Lexington City
Nash
Robeson

60-69% N=24

Anson
Ashe
Asheville City
Bladen
Caldwell
Columbus
Currituck
Durham
Edgecombe
Forsyth
Franklin
Greene
Hickory City
Hoke
Kannapolis City
Lincoln
Martin
Montgomery
Moore
Pasquotank
Richmond
Thomasville City
Vance
Washington

70-79% N=43

Alamance
Alexander
Avery
Beaufort
Bertie
Bridges**
Burke
Cabarrus
Craven
Cumberland
Duplin
East Wake Acad**
Gaston
Harnett
Imani Institute**
Iredell
Lee
Lenoir
MAST**
Macon
Madison
Mecklenburg
Mooresville City
Mount Airy City
Newton Conover City
Northampton
Orange Co. Charter**
Pender
Pitt
Randolph
Rockingham
Rowan
Rutherford
Sampson
Scotland
Shelby City
Stanly
The Learning Cntr**
Tyrrell
Wake
Wayne
Wilson
Yadkin

80-89% N=45

Asheboro City
Brunswick
Buncombe
CHill-Carrb. City
CIS Acad**
Camden
Carteret
Caswell
Catawba
Chatham
Cherokee
Chowan
Clay
Cleveland
Clinton City
Dare
Davidson
Downtown Middle**
Gates
Graham
Granville
Guilford
Haywood
Henderson
Hyde
Jackson
Johnston
Jones
Kings Mtn City
McDowell
New Hanover
Orange
Pamlico
Perquimans
Person
Polk
R. Rapids City
River Mill Charter**
Surry
Swain
Transylvania
Union
Whiteville City
Wilkes
Woods Charter**

90% or above N=12

Alleghany
Arapahoe**
Chatham Charter**
Davie
Elkin City
Magellan**
Mitchell
Onslow
Stokes
Summit Charter**
Watauga
Yancey

Notes *These data represent the highest test score of each student for all test administrations in which the student participated.
**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete charter school name can be found in the Appendix.
Data are not reported where number tested is fewer than five. These systems include Grandfather Acad**, Lakeside School**, and Village Charter**.
Data received from LEAs after April 30, 2000 are not included in this table.

Table 2. 1998-99 North Carolina Tests of Computer Skills Percent Passing* (Multiple-Choice and Performance) Category for the Class of 2002 at End of Grade 9, by LEA

Below 50% N=12

Hertford
J.H. Baker Jr High**
Jones
Kennedy Charter**
Lakeside School**
Lift Acad**
NC Sch of Maritime*
Pasquotank
Right Step**
Thomasville City
Warren
Woods Charter**

50-59% N=8

Edgecombe
Greene
Harnett
Kestrel Heights**
Lexington City
New Century**
Northampton
Weldon City

60-69% N=15

Anson
Asheville City
Bertie
Columbus
Cumberland
Duplin
Durham
Halifax
Iredell
Nash
New Hanover
Onslow
Richmond
Robeson
Shelby City

70-79% N=31

Alamance
Avery
Beaufort
Bladen
Burke
Catawba
Chatham
Cleveland
Currituck
Forsyth
Franklin
Gaston
Hickory City
Hoke
Kannapolis City
Macon
Martin
Mecklenburg
Mooresville City
Pamlico
Pitt
River Mill Charter**
Rowan
Sampson
Scotland
Stanly
Swain
Vance
Washington
Whiteville City
Wilson

80-89% N=50

Alexander
Ashe
Asheboro City
Brunswick
Buncombe
CHill-Carrb. City
Cabarrus
Caldwell
Camden
Carteret
Caswell
Cherokee
Chowan
Clay
Clinton City
Craven
Dare
Davidson
Gates
Granville
Guilford
Haywood
Henderson
Hyde
Jackson
Johnston
Kings Mtn City
Lee
Lenoir
Lincoln
Madison
Mitchell
Montgomery
Moore
Mount Airy City
Newton Conover City
Perquimans
Person
Polk
R. Rapids City
Randolph
Rockingham
Rutherford
Stokes
Surry
Transylvania
Union
Wake
Wilkes
Yadkin

90% or above N=11

Alleghany
Davie
Elkin City
Graham
McDowell
Orange
Pender
Tyrrell
Watauga
Wayne
Yancey

Notes *These data represent the highest test score of each student for all test administrations in which the student participated
**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete charter school name can be found in the Appendix
Data are not reported where number tested is fewer than five. No system reported fewer than five.
Data received from LEAs after April 30, 2000 are not included in this table

Table 3. 1998-99 North Carolina Tests of Computer Skills Percent Passing* (Multiple-Choice and Performance) Category for the Class of 2001 at End of Grade 10, by LEA

Below 50% N=7	70-79% N=23	80-89% N=57		90% or above N=25
Hertford	Asheville City	Alamance	Johnston	Alexander
Lakeside School**	Bladen	Avery	Kannapolis City	Alleghany
Lift Acad**	Catawba	Beaufort	Lee	Ashe
NC Sch of Maritime*	Cumberland	Brunswick	Lexington City	Asheboro City
Northampton	Currituck	Buncombe	Lincoln	Camden
Right Step**	Dare	Burke	Madison	Chowan
Warren	Durham	CHill-Carrb. City	McDowell	Clinton City
	Greene	Cabarrus	Mitchell	Davie
50-59% N=1	Hickory City	Caldwell	Montgomery	Elkin City
	Hyde	Carteret	Pamlico	Halifax
Onslow	Iredell	Caswell	Perquimans	Hoke
	Jones	Chatham	Polk	Kings Mtn City
60-69% N=12	Macon	Cherokee	R. Rapids City	Lenoir
	Martin	Clay	Randolph	Mount Airy City
Anson	Mecklenburg	Cleveland	River Mill Charter**	Newton Conover City
Bertie	Moore	Columbus	Rockingham	Orange
Duplin	Mooresville City	Craven	Rowan	Pender
Edgecombe	New Century**	Davidson	Rutherford	Person
J.H. Baker Jr High**	Pitt	Forsyth	Sampson	Shelby City
Nash	Richmond	Franklin	Scotland	Stanly
New Hanover	Swain	Gaston	Stokes	Surry
Pasquotank	Weldon City	Gates	Transylvania	Watauga
Robeson	Wilson	Graham	Tyrrell	Wayne
Thomasville City		Granville	Union	Yadkin
Washington		Guilford	Vance	Yancey
Woods Charter**		Harnett	Wake	
		Haywood	Whiteville City	
		Henderson	Wilkes	
		Jackson		

Notes *These data represent the highest test score of each student for all test administrations in which the student participated

**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete charter school name can be found in the Appendix.

Data are not reported for Kennedy Charter** because number tested is fewer than five.

Data received from LEAs after April 30, 2000 are not included in this table.

Table 4. 1998-99 North Carolina Tests of Computer Skills Percent Passing* (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA

	Percent Passing'	1999 LEA Performance
	97.0	Yancey
	96.0	Arapahoe**
	95.0	Magellan**
	94.0	Stokes, Summit Charter**
	93.0	Alleghany, Davie
	92.0	Chatham Charter**
	91.0	Mitchell, Onslow, Watauga
	90.0	Elkin City, Polk
	89.0	Camden, Graham
	88.0	Orange, Wilkes
	87.0	Gates, Haywood, Swain, Transylvania
	86.0	Buncombe, Clinton City, McDowell
	85.0	Cherokee, Henderson, Pamlico, Woods Charter**
	84.0	Granville
	83.0	Carteret, Catawba, CIS Academy**, Clay, Dare, Davidson, Downtown Middle**, Kings Mountain City, New Hanover, River Mill Charter**
	82.0	Asheboro City, Guilford, Hyde, Johnston
	81.0	Brunswick, Chapel Hill-Carrboro City, Cleveland, Edenton/Chowan, Jackson, Perquimans, Roanoke Rapids City, Whiteville City
	80.0	Caswell, Chatham, Jones, Person, Rutherford, Surry, Union, Wayne
	79.0	Alexander, Avery, Craven, Lenoir, Madison, Rockingham, Stanly, Wilson, Yadkin
1998 State	78.0	Beaufort, Burke, East Wake Academy**, Mount Airy City, Randolph
	77.0	Bertie, Shelby City
	76.0	Gaston, Harnett
1997 & 1999 State	75.0	Lee, MAST**, Wake
	74.0	Iredell-Statesville, Mooresville City, Rowan/Salisbury, Sampson, Tyrrell
	73.0	Alamance-Burlington, Macon, Northampton, Orange Co. Charter**, Pender, Pitt
	72.0	Imani Institute**, Charlotte/Mecklenburg, Newton Conover City, Scotland
	71.0	Bridges**, Cabarrus, Cumberland, Duplin, The Learning Center**
	70.0	Asheville City, Columbus, Thomasville City
	69.0	Caldwell, Lincoln
	68.0	Anson, Currituck, Martin
	67.0	Edgecombe, Kannapolis City, Richmond, Washington
	66.0	Greene, Moore
	65.0	Bladen, Montgomery
	64.0	Durham
	63.0	Ashe, Franklin, Hickory City, Vance
	62.0	Hoke
	...	
	60.0	Elizabeth City/Pasquotank, Winston-Salem/Forsyth
	...	
	58.0	Hertford
	57.0	Brevard Academy**
	56.0	Nash-Rocky Mount
	55.0	Lexington City, Robeson
	54.0	Halifax
	...	
	50.0	Kestrel Heights**
	...	
	44.0	Right Step**
	...	
	40.0	PHASE Academy**
	...	
	31.0	Weldon City
	...	
	25.0	Warren
	...	
	23.0	Sankore School**
	...	
	21.0	C.G. Woodson**
	...	
	18.0	Quality Education**
	...	
	12.0	Lift Academy**
	...	
	0.0	Carter Community**, Kennedy Charter**
	††	Grandfather**, Lakeside School**, Village Charter**

Notes 'Percent passing are rounded to the nearest percent. ''Data not reported where number tested is fewer than five.

*These data represent the highest test score of each student for all the test administrations in which the student participated.

**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete charter school name can be found in the Appendix.

Data received from LEAs after April 30, 2000 are not included in this table. 11

Table 5. 1998-99 North Carolina Tests of Computer Skills Percent Passing* (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA

	Percent Passing*	1999 LEA Performance
	96.0	Orange, Yancey

	94.0	Alleghany, Elkin City
	93.0	Davie, Watauga
	92.0	Tyrrell
	91.0	Graham, Pender
	90.0	Camden, McDowell, Wayne
	89.0	Clay, Lenoir
	88.0	Cherokee, Clinton City, Roanoke Rapids City, Transylvania, Yadkin
	87.0	Asheboro City, Edenton/Chowan, Person
	86.0	Alexander, Ashe, Craven, Stokes, Surry
	85.0	Buncombe, Dare, Henderson, Johnston, Kings Mountain City, Lee, Madison, Montgomery, Mount Airy City, Newton Conover City
	84.0	Cabarrus, Caldwell, Davidson, Guilford, Jackson, Lincoln, Mitchell, Polk, Randolph
	83.0	Carteret, Caswell, Hyde, Moore, Wilkes
1998 State	82.0	Brunswick, Chapel Hill-Carrboro City, Gates, Haywood, Rutherford, Union
	81.0	Perquimans, Rockingham, Wake
	80.0	Beaufort, Currituck, Gaston, Granville
	79.0	Franklin, Pamlico, Swain
	78.0	Burke, Chatham, Mooresville City, Whiteville City
1999 State	77.0	Alamance-Burlington, Hickory City, Winston-Salem/Forsyth
	76.0	Martin, Sampson
	75.0	Cleveland, Kannapolis City, Stanly, Vance, Washington
	74.0	Charlotte/Mecklenburg, Macon, Pitt, River Mill Charter**, Rowan-Salisbury, Wilson
	73.0	Avery, Catawba, Hoke
	72.0	Bladen, Scotland

	68.0	Iredell-Statesville, Nash-Rocky Mount
	67.0	Cumberland, Halifax, Richmond
	66.0	Duplin, New Hanover, Shelby City
	65.0	Asheville City, Columbus, Durham

	63.0	Anson
	62.0	Robeson
	61.0	Bertie, Onslow

	59.0	Harnett, Lexington City

	55.0	Greene
	54.0	New Century School**, Northampton, Weldon City
	53.0	Edgecombe

	50.0	Kestrel Heights**
	49.0	Elizabeth City/Pasquotank
	48.0	Warren
	47.0	Thomasville City
	46.0	Jones
	45.0	Woods Charter**

	43.0	Hertford

	35.0	Right Step**

	31.0	NC School of Maritime*

	28.0	Lakeside School**

	25.0	J.H. Baker Jr High**

	13.0	Kennedy Charter**

	0.0	Lift Academy**

Notes: *Percent passing are rounded to the nearest percent. **Data not reported where number tested is fewer than five.

*These data represent the highest test score of each student for all the test administrations in which the student participated.

**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete charter school name can be found in the Appendix.

Data received from LEAs after April 30, 2000 are not included in this table.

Table 6. 1998-99 North Carolina Tests of Computer Skills Percent Passing* (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA

	Percent Passing†	1999 LEA Performance
	99.0	Camden, Yancey
	...	
	97.0	Asheboro City, Lenoir
	96.0	Alleghany, Davie, Halifax
	95.0	Newton Conover City
	94.0	Pender, Person, Watauga, Wayne
	93.0	Elkin City, Kings Mountain City, Mount Airy City, Surry
	92.0	Alexander
	91.0	Ashe, Orange, Shelby City, Stanly
	90.0	Clinton City, Edenton/Chowan, Hoke, Montgomery, Polk, Yadkin
	89.0	Brunswick, Chapel Hill-Carrboro City, Cherokee, Gates
	88.0	Buncombe, Clay, Graham, Granville, Roanoke Rapids City, Rutherford
	87.0	Cabarrus, Caldwell, Carteret, Chatham, Gaston, Johnston, Sampson, Vance, Whiteville City
	86.0	Haywood, Kannapolis City, McDowell, Mitchell, Randolph, Winston-Salem/Forsyth
	85.0	Burke, Craven, Davidson, Henderson, Lee, Lexington City, Perquimans, Union, Wilkes
	84.0	Avery, Guilford, Jackson, Madison, Stokes,Transylvania, Tyrrell
	83.0	Alamance-Burlington, Lincoln, Pamlico, Rowan-Salisbury
	82.0	Caswell, Columbus, Rockingham, Wake
1999 State	81.0	Beaufort, Cleveland, Franklin, Harnett
	80.0	River Mill Charter**, Scotland, Swain, Wilson
	79.0	Dare, Hyde, Iredell-Statesville
	78.0	Catawba, Moore, Mooresville City
	77.0	Asheville City, Charlotte/Mecklenburg, Pitt
	76.0	Greene, Weldon City
	75.0	Currituck
	74.0	Hickory City, Martin
	73.0	Bladen, Cumberland
	72.0	Jones, Richmond
	71.0	Macon, New Century School**
	70.0	Durham
	69.0	Duplin
	68.0	Edgecombe
	67.0	Anson, Robeson, Washington, Woods Charter**
	...	
	65.0	Nash-Rocky Mount, New Hanover
	...	
	62.0	Bertie, Elizabeth City/Pasquotank
	61.0	Thomasville City
	60.0	J.H. Baker Jr High**
	...	
	54.0	Onslow
	...	
	47.0	Northampton
	...	
	41.0	Hertford
	...	
	38.0	Warren
	...	
	30.0	NC School of Maritime*
	...	
	25.0	Right Step**
	...	
	11.0	Lift Acad**
	...	
	0.0	Lakeside School**
	††	Kennedy Charter**

Notes †Percent passing are rounded to the nearest percent. ††Data not reported where number tested is fewer than five.

*These data represent the highest test score of each student for all the test administrations in which the student participated.

**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete charter school name can be found in the Appendix.

Data received from LEAs after April 30, 2000 are not included in this table.

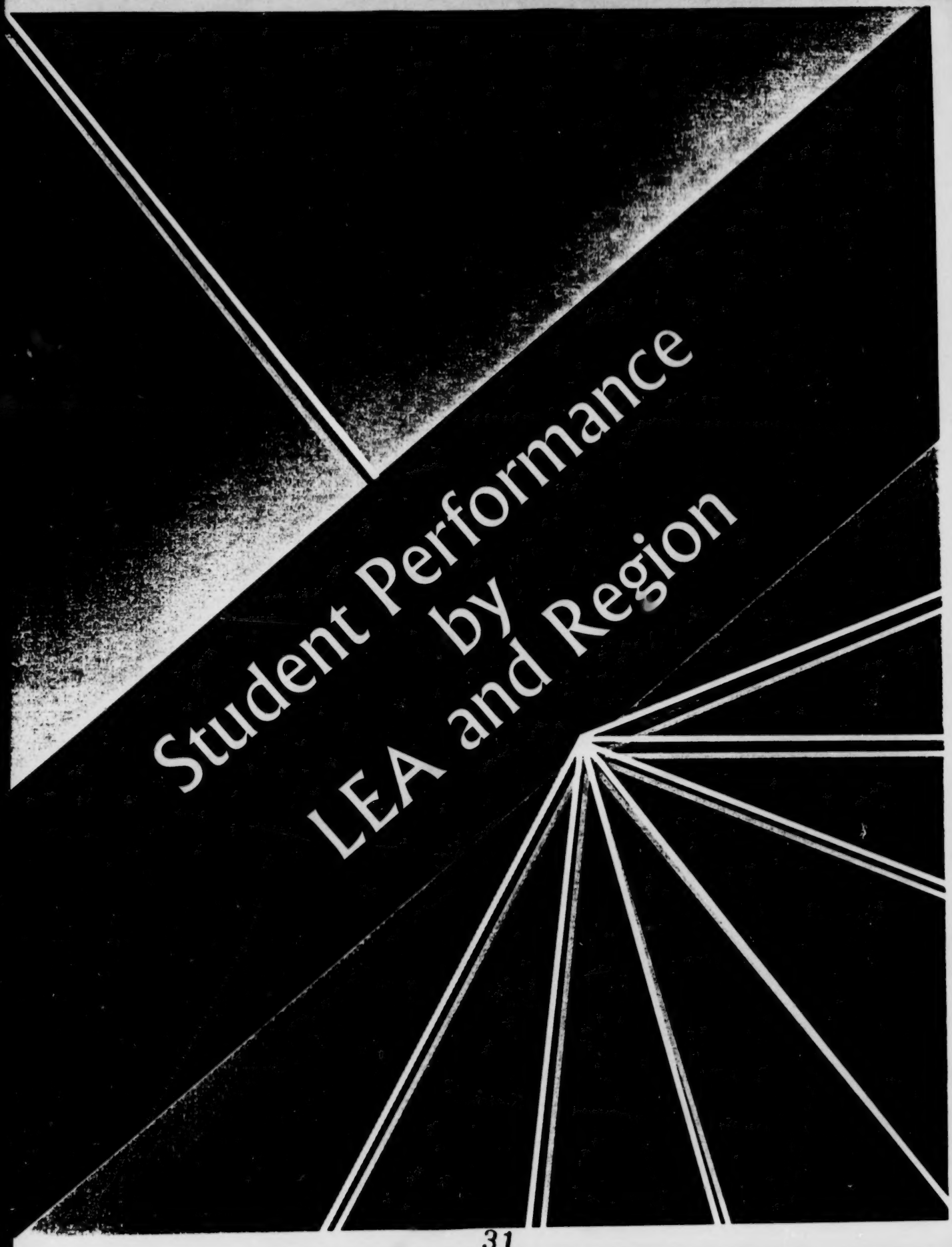

Student Performance
by
LEA and Region

Table 7 a. 1998-99 North Carolina Tests of Computer Skills Percent Passing† (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA and Ethnicity

Western Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
State	Number Tested 95,377	Number Passing 71,457	Percent Passing 74.9	Number Tested 1,433	Number Passing 861	Percent Passing 60.1	Number Tested 1,664	Number Passing 1,212	Percent Passing 72.8	Number Tested 28,071	Number Passing 16,422	Percent Passing 58.5	Number Tested 2,622	Number Passing 1,303	Percent Passing 49.7	Number Tested 641	Number Passing 469	Percent Passing 73.2	Number Tested 60,924	Number Passing 51,176	Percent Passing 84.0
Western Region	7,115	5,991	84.2	66	55	83.0	48	41	85.4	440	271	61.6	105	57	54.3	39	30	76.9	6,417	5,537	86.3
Buncombe	1,887	1,622	86.0	7	7	100.0	14	13	92.9	95	62	65.3	32	20	62.5	8	5	62.5	1,731	1,515	87.5
Asheville City	311	217	69.8	0	*	*	2	*	*	123	63	51.2	3	*	*	2	*	*	181	150	82.9
Cherokee	240	203	84.6	5	5	100.0	2	*	*	7	7	100.0	4	*	*	1	*	*	221	186	84.2
The Learning Center**	7	5	71.4	0	*	*	0	*	*	1	*	*	0	*	*	0	*	*	6	4	66.7
Clay	113	94	83.2	0	*	*	0	*	*	0	*	*	0	*	*	2	*	*	111	92	82.9
Graham	87	77	88.5	3	*	*	0	*	*	0	*	*	0	*	*	0	*	*	84	74	88.1
Haywood	571	499	87.4	1	*	*	0	*	*	11	9	81.8	4	*	*	1	*	*	554	484	87.4
Henderson	861	735	85.4	1	*	*	9	7	77.8	40	26	65.0	34	13	38.2	14	11	78.6	763	678	88.9
Jackson	283	229	80.9	21	15	71.0	0	*	*	3	*	*	1	*	*	1	*	*	257	209	81.3
Summit Charter**	17	16	94.1	0	*	*	0	*	*	0	*	*	1	*	*	0	*	*	16	15	93.8
Macon	326	239	73.3	0	*	*	2	*	*	3	*	*	2	*	*	2	*	*	317	232	73.2
Madison	187	148	79.1	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	187	148	79.1
McDowell	484	418	86.4	0	*	*	13	11	84.6	23	19	82.6	1	*	*	2	*	*	445	387	87.0
Mitchell	198	180	90.9	0	*	*	0	*	*	0	*	*	2	*	*	0	*	*	196	178	90.8
Polk	194	174	89.7	1	*	*	0	*	*	16	11	68.8	5	2	40.0	2	*	*	170	159	93.5
Rutherford	744	592	79.6	0	*	*	4	*	*	98	55	56.1	11	7	63.6	3	*	*	628	524	83.4
Swain	122	106	86.9	27	23	85.0	1	*	*	0	*	*	1	*	*	0	*	*	93	81	87.1
Transylvania	295	258	87.5	0	*	*	0	*	*	16	9	56.3	4	*	*	1	*	*	274	247	90.1
Brevard Academy**	7	4	57.1	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	7	4	57.1
Yancey	181	175	96.7	0	*	*	1	*	*	4	*	*	0	*	*	0	*	*	176	170	96.6

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Notes † These data represent the highest test score of each student for all the test administrations in which the student participated.
‡Data cannot be verified in this format.
*Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because ethnic category may have not been coded.
**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete name can be found in the Appendix.

Table 7 b. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA and Ethnicity

Northwest Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
State	Number Tested 95,377	Number Passing 71,457	Percent Passing 74.9	Number Tested 1,433	Number Passing 861	Percent Passing 60.1	Number Tested 1,664	Number Passing 1,212	Percent Passing 72.8	Number Tested 28,071	Number Passing 16,422	Percent Passing 58.5	Number Tested 2,622	Number Passing 1,303	Percent Passing 49.7	Number Tested 641	Number Passing 469	Percent Passing 73.2	Number Tested 60,924	Number Passing 51,176	Percent Passing 84.0
Northwest Region	15,195	11,394	75.0	21	14	66.0	338	226	66.9	2,408	1,168	48.5	434	176	40.6	88	66	75.0	11,906	9,744	81.8
Alexander	377	299	79.3	0	*	*	15	12	80.0	18	8	44.4	3	*	*	0	*	*	341	277	81.2
Alleghany	138	129	93.5	0	*	*	0	*	*	1	*	*	4	*	*	0	*	*	133	126	94.7
Ashe	316	200	63.3	0	*	*	0	*	*	2	*	*	7	3	42.9	0	*	*	307	196	63.8
Avery	194	154	79.4	0	*	*	0	*	*	1	*	*	0	*	*	0	*	*	193	153	79.3
Grandfather Academy**	4	*	*	0	*	*	0	*	*	3	*	*	0	*	*	0	*	*	1	*	*
Burke	1,079	847	78.5	2	*	*	95	67	70.5	67	45	67.2	23	11	47.8	6	5	83.3	886	718	81.0
Caldwell	935	647	69.2	1	*	*	7	4	57.1	58	37	63.8	10	4	40.0	6	3	50.0	853	598	70.1
Catawba	1,261	1,045	82.9	3	*	*	74	55	74.3	88	56	63.6	38	20	52.6	3	*	*	1,055	910	86.3
Hickory City	355	224	63.1	0	*	*	25	8	32.0	96	47	49.0	24	5	20.8	5	5	100.0	205	159	77.6
Newton Conover City	214	154	72.0	0	*	*	10	10	100.0	34	13	38.2	12	6	50.0	1	*	*	157	125	79.6
Davidson	1,494	1,241	83.1	8	8	100.0	13	13	100.0	32	32	100.0	5	5	100.0	4	*	*	1,432	1,179	82.3
Lexington City	268	147	54.9	0	*	*	17	7	41.2	133	72	54.1	18	2	11.1	1	*	*	99	65	65.7
Thomasville City	152	106	69.7	0	*	*	5	3	60.0	78	49	62.8	4	*	*	0	*	*	65	50	76.9
Davie	436	404	92.7	0	*	*	0	*	*	39	31	79.5	13	10	76.9	3	*	*	381	360	94.5
Winston-Salem/Forsyth	3,218	1,936	60.2	5	2	40.0	25	16	64.0	1,253	502	40.1	136	45	33.1	33	25	75.8	1,766	1,346	76.2
Lift Academy**	17	2	11.8	0	*	*	0	*	*	17	2	11.8	0	*	*	0	*	*	0	*	*
Quality Education**	11	2	18.2	0	*	*	0	*	*	11	2	18.2	0	*	*	0	*	*	0	*	*
Downtown Middle**	155	129	83.2	0	*	*	1	*	*	31	17	54.8	0	*	*	2	*	*	121	109	90.1
C G Woodson**	14	3	21.4	0	*	*	0	*	*	14	3	21.4	0	*	*	0	*	*	0	*	*
Iredell-Statesville	1,231	907	73.7	0	*	*	23	15	65.2	234	116	49.6	20	7	35.0	1	*	*	953	768	80.6
Mooresville City	332	245	73.8	0	*	*	3	*	*	54	34	63.0	3	*	*	2	*	*	270	207	76.7
Stokes	536	503	93.8	1	*	*	1	*	*	26	17	65.4	13	4	30.8	4	*	*	491	479	97.6
Surry	571	457	80.0	1	*	*	3	*	*	17	12	70.6	41	20	48.8	5	4	80.0	504	417	82.7
Elkin City	61	55	90.2	0	*	*	0	*	*	5	2	40.0	1	*	*	0	*	*	55	52	94.5
Bridges**	14	10	71.4	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	14	10	71.4
Mount Airy City	182	142	78.0	0	*	*	9	3	33.3	17	8	47.1	6	3	50.0	3	*	*	147	126	85.7
Watauga	395	360	91.1	0	*	*	2	*	*	2	*	*	2	*	*	1	*	*	388	355	91.5
Wilkes	807	709	87.9	0	*	*	10	3	30.0	59	45	76.3	23	9	39.1	3	*	*	712	650	91.3
Yadkin	428	336	78.5	0	*	*	0	*	*	18	14	77.8	28	10	35.7	5	3	60.0	377	309	82.0

Notes † These data represent the highest test score of each student for all the test administrations in which the student participated

‡Data cannot be verified in this format

*Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because ethnic category may have not been coded

**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete name can be found in the Appendix.

Data received from LEAs after April 30, 2000 are not included in this table.

Table 7 c· 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA and Ethnicity

Southwest Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
State	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
	95,377	71,457	74.9	1,433	861	60.1	1,664	1,212	72.8	28,071	16,422	58.5	2,622	1,303	49.7	641	469	73.2	60,924	51,176	84.0
Southwest Region	20,228	14,754	72.9	158	96	60.0	469	351	74.8	5,910	3,229	54.6	577	270	46.8	82	59	72.0	13,026	10,745	82.5
Ansorl	348	238	68 4	1	*	*	2	*	*	209	117	56 0	1	*	*	1	*	*	134	117	87 3
Cabarrus	1,417	1,003	70 8	6	4	66 0	10	9	90 0	186	66	35 5	23	10	43 5	11	5	45 5	1,181	909	77 0
Kannapolis City	285	190	66 7	3	*	*	6	3	50 0	91	50	54 9	12	5	41 7	1	*	*	172	130	75 6
Cleveland	623	507	81 4	0	*	*	1	*	*	134	80	59 7	6	4	66 7	1	*	*	481	421	87 5
Kings Mountain City	333	277	83 2	1	*	*	10	10	100 0	83	61	73 5	5	3	60 0	0	*	*	234	202	86 3
Shelby City	237	183	77 2	0	*	*	1	*	*	104	63	60 6	1	*	*	0	*	*	131	119	90 8
Gaston	2,395	1,818	75 9	4	*	*	35	29	82 9	414	256	61 8	38	25	65 8	10	10	100 0	1,894	1,494	78 9
Hoke	426	262	61 5	50	17	34 0	4	*	*	196	114	58 2	10	6	60 0	4	*	*	162	118	72 8
Lincoln	905	621	68 6	3	*	*	3	*	*	84	44	52 4	57	18	31 6	4	*	*	752	551	73 3
Charlotte/Mecklenburg	7,129	5,144	72 2	29	20	69 0	308	232	75 3	2,918	1,574	53 9	251	132	52 6	21	14	66 7	3,600	3,172	88 1
Kennedy Charter**	8	0	0 0	0	*	*	0	*	*	4	*	*	0	*	*	0	*	*	4	*	*
Montgomery	379	248	65 4	0	*	*	17	12	70 6	106	54	50 9	31	9	29 0	0	*	*	225	173	76 9
Moore	769	505	65 7	5	1	20 0	5	3	60 0	197	92	46 7	29	10	34 5	3	*	*	530	397	74 9
MAST**	28	21	75 0	0	*	*	0	*	*	9	4	44 4	0	*	*	1	*	*	18	17	94 4
Richmond	638	430	67 4	2	*	*	6	6	100 0	252	145	57 5	13	6	46 2	2	*	*	363	271	74 7
Rowan-Salisbury	1,433	1,057	73 8	6	4	66 0	18	14	77 8	293	144	49 1	40	18	45 0	13	11	84 6	1,063	866	81 5
Scotland	516	369	71 5	45	37	82 0	5	4	80 0	232	140	60 3	3	*	*	1	*	*	230	185	80 4
Stanly	805	637	79 1	1	*	*	30	15	50 0	121	75	62 0	9	2	22 2	5	4	80 0	639	540	84 5
Union	1,554	1,244	80 1	2	*	*	8	6	75 0	277	150	54 2	48	18	37 5	4	*	*	1,213	1,063	87 6

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Table 7 d. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA and Ethnicity

Northeast Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
State	Number Tested 95,377	Number Passing 71,457	Percent Passing 74.9	Number Tested 1,433	Number Passing 861	Percent Passing 60.1	Number Tested 1,664	Number Passing 1,212	Percent Passing 72.8	Number Tested 28,071	Number Passing 16,422	Percent Passing 58.5	Number Tested 2,622	Number Passing 1,303	Percent Passing 49.7	Number Tested 641	Number Passing 469	Percent Passing 73.2	Number Tested 60,924	Number Passing 51,176	Percent Passing 84.0
Northeast Region	6,835	4,842	70.8	36	25	69.0	27	23	85.2	3,464	2,067	59.7	70	38	54.3	18	13	72.2	3,220	2,676	83.1
Beaufort	590	459	77.8	0	*	*	2	*	*	253	171	67.6	3	*	*	2	*	*	330	282	85.5
Bertie	295	226	76.6	1	*	*	0	*	*	229	174	76.0	1	*	*	1	*	*	63	50	79.4
Camden	93	83	89.2	0	*	*	0	*	*	17	13	76.5	0	*	*	0	*	*	76	70	92.1
Edenton/Chowan	209	170	81.3	0	*	*	0	*	*	91	60	65.9	1	*	*	3	*	*	114	107	93.9
Currituck	256	175	68.4	3	*	*	1	*	*	23	12	52.2	4	*	*	1	*	*	224	156	69.6
Dare	351	292	83.2	1	*	*	2	*	*	15	10	66.7	9	7	77.8	3	*	*	321	271	84.4
Edgecombe	592	394	66.6	0	*	*	1	*	*	334	201	60.2	14	3	21.4	1	*	*	242	189	78.1
Gates	169	147	87.0	0	*	*	0	*	*	78	61	78.2	0	*	*	0	*	*	91	86	94.5
Halifax	480	261	54.4	25	16	64.0	0	*	*	424	223	52.6	1	*	*	1	*	*	29	21	72.4
Roanoke Rapids City	243	197	81.1	2	*	*	4	*	*	46	28	60.9	3	*	*	0	*	*	188	161	85.6
Weldon City	65	20	30.8	0	*	*	1	*	*	61	20	32.8	0	*	*	0	*	*	3	*	*
Hertford	339	197	58.1	1	*	*	0	*	*	254	123	48.4	1	*	*	1	*	*	82	71	86.6
Hyde	45	37	82.2	0	*	*	0	*	*	22	16	72.7	0	*	*	0	*	*	23	21	91.3
Martin	382	260	68.1	1	*	*	0	*	*	202	111	55.0	8	3	37.5	0	*	*	171	146	85.4
Northampton	291	211	72.5	0	*	*	0	*	*	223	151	67.7	1	*	*	1	*	*	66	59	89.4
Elizabeth City/Pasquotank	473	286	60.5	1	*	*	2	*	*	222	101	45.5	1	*	*	1	*	*	246	181	73.6
Perquimans	151	122	80.8	0	*	*	0	*	*	65	51	78.5	1	*	*	0	*	*	85	70	82.4
Pitt	1,521	1,112	73.1	1	*	*	13	11	84.6	733	431	58.8	20	13	65.0	3	*	*	751	654	87.1
Right Step**	27	12	44.4	0	*	*	0	*	*	27	12	44.4	0	*	*	0	*	*	0	*	*
Tyrrell	65	48	73.8	0	*	*	0	*	*	27	19	70.4	1	*	*	0	*	*	37	28	75.7
Washington	198	133	67.2	0	*	*	1	*	*	118	79	66.9	1	*	*	0	*	*	78	53	67.9

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Table 7e. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA and Ethnicity
Southeast Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	95,377	71,457	74.9	1,433	861	60.1	1,664	1,212	72.8	28,071	16,422	58.5	2,622	1,303	49.7	641	469	73.2	60,924	51,176	84.0
Southeast Region	17,468	13,126	75.1	1,013	583	57.0	175	132	75.4	6,408	4,149	64.7	502	335	66.7	170	145	85.3	9,193	7,777	84.6
Bladen	417	273	65.5	1	*	*	0	*	*	190	105	55.3	7	4	57.1	0	*	*	219	164	74.9
Brunswick	775	624	80.5	6	6	100.0	1	*	*	183	124	67.8	6	4	66.7	3	*	*	576	486	84.4
Carteret	686	569	82.9	2	*	*	2	*	*	66	36	54.5	10	6	60.0	3	*	*	603	522	86.6
Columbus	610	426	69.8	35	23	65.0	2	*	*	278	173	62.2	2	*	*	0	*	*	293	230	78.5
Whiteville City	230	186	80.9	2	*	*	0	*	*	93	60	64.5	2	*	*	1	*	*	132	123	93.2
Craven	1,051	833	79.3	3	*	*	12	11	91.7	369	247	66.9	20	14	70.0	7	6	85.7	640	552	86.3
Cumberland	3,813	2,692	70.6	69	37	53.0	63	49	77.8	1,750	1,073	61.3	186	138	74.2	58	45	77.6	1,687	1,350	80.0
Duplin	651	464	71.3	0	*	*	0	*	*	273	152	55.7	51	30	58.8	1	*	*	326	282	86.5
Greene	264	173	65.5	0	*	*	1	*	*	133	75	56.4	18	4	22.2	1	*	*	111	92	82.9
Jones	101	81	80.2	0	*	*	0	*	*	54	42	77.8	0	*	*	1	*	*	46	38	82.6
Lenoir	815	646	79.3	2	*	*	3	*	*	408	291	71.3	13	6	46.2	8	8	100.0	376	333	88.6
New Hanover	1,589	1,323	83.3	14	7	50.0	28	16	57.1	424	305	71.9	14	9	64.3	16	14	87.5	1,093	972	88.9
Onslow	1,600	1,460	91.3	21	21	100.0	33	29	87.9	396	369	93.2	49	49	100.0	50	47	94.0	1,051	945	89.9
PHASE Academy**	15	6	40.0	0	*	*	0	*	*	12	3	25.0	1	*	*	0	*	*	2	*	*
Pamlico	152	129	84.9	1	*	*	0	*	*	59	40	67.8	1	*	*	0	*	*	91	87	95.6
Arapahoe**	26	25	96.2	1	*	*	0	*	*	3	*	*	0	*	*	0	*	*	22	21	95.5
Pender	464	341	73.5	1	*	*	0	*	*	118	83	70.3	9	5	55.6	1	*	*	335	251	74.9
Robeson	1,898	1,050	55.3	823	454	55.0	7	3	42.9	643	303	47.1	27	11	40.7	3	*	*	395	277	70.1
CIS Academy**	23	19	82.6	15	12	80.0	0	*	*	6	5	83.3	0	*	*	0	*	*	2	*	*
Sampson	563	416	73.9	9	8	88.0	2	*	*	168	100	59.5	40	22	55.0	5	4	80.0	339	281	82.9
Clinton City	175	151	86.3	5	3	60.0	1	*	*	84	67	79.8	6	5	83.3	0	*	*	79	75	94.9
Wayne	1,550	1,239	79.9	3	*	*	20	17	85.0	698	493	70.6	40	25	62.5	12	10	83.3	775	692	89.3

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Table 7 f. 1998-99 North Carolina Tests of Computer Skills Percent Passing† (Multiple-Choice and Performance) for the Class of 2003 at End of Grade 8, by LEA and Ethnicity

Central Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	95,377	71,457	74.9	1,433	861	60.1	1,664	1,212	72.8	28,071	16,422	58.5	2,622	1,303	49.7	641	469	73.2	60,924	51,176	84.0
Central Region	28,536	21,350	74.8	139	88	63.0	607	439	72.3	9,441	5,538	58.7	934	427	45.7	244	156	63.9	17,162	14,697	85.6
Alamance-Burlington	1,524	1,118	73.4	7	3	42.0	19	12	63.2	390	249	63.8	75	25	33.3	12	7	58.3	1,021	822	80.5
Lakeside School**	2	*	*	0	*	*	0	*	*	0	*	*	0	*	*	1	*	*	1	*	*
River Mill Charter**	18	15	83.3	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	18	15	83.3
Caswell	255	205	80.4	0	*	*	0	*	*	109	79	72.5	2	*	*	4	*	*	140	123	87.9
Chatham	529	423	80.0	0	*	*	3	*	*	124	79	63.7	43	17	39.5	6	4	66.7	353	320	90.7
Chatham Charter**	12	11	91.7	1	*	*	0	*	*	1	*	*	0	*	*	0	*	*	10	9	90.0
Woods Charter**	13	11	84.6	0	*	*	0	*	*	1	*	*	0	*	*	3	*	*	9	8	88.9
Durham	2,232	1,434	64.2	5	3	60.0	34	26	76.5	1,265	646	51.1	60	26	43.3	45	30	66.7	819	700	85.5
Carter Community**	6	0	0.0	0	*	*	0	*	*	4	*	*	0	*	*	0	*	*	2	*	*
Kestrel Heights**	30	15	50.0	0	*	*	0	*	*	17	5	29.4	0	*	*	0	*	*	13	10	76.9
Franklin	551	346	62.8	5	4	80.0	3	*	*	225	94	41.8	8	4	50.0	4	*	*	306	239	78.1
Granville	589	494	83.9	2	*	*	4	*	*	218	173	79.4	14	7	50.0	3	*	*	348	306	87.9
Guilford	4,517	3,703	82.0	38	28	73.0	165	124	75.2	1,658	1,118	67.4	66	46	69.7	56	43	76.8	2,529	2,342	92.6
Imani Institute**	18	13	72.2	0	*	*	0	*	*	16	11	68.8	0	*	*	0	*	*	2	*	*
Harnett	1,209	916	75.8	13	11	84.0	5	4	80.0	354	223	63.0	50	36	72.0	13	7	53.8	774	635	82.0
Johnston	1,386	1,138	82.1	3	*	*	4	*	*	283	199	70.3	90	40	44.4	4	*	*	1,002	888	88.6
Lee	677	509	75.2	4	*	*	7	5	71.4	174	105	60.3	76	37	48.7	7	4	57.1	409	355	86.8
Nash-Rocky Mount	1,338	752	56.2	6	4	66.0	14	8	57.1	705	275	39.0	42	15	35.7	5	2	40.0	566	448	79.2
Orange	372	329	88.4	3	*	*	2	*	*	61	51	83.6	6	5	83.3	1	*	*	299	268	89.6
Orange Co. Charter**	11	8	72.7	0	*	*	0	*	*	2	*	*	0	*	*	2	*	*	7	5	71.4
Chapel Hill-Carrboro City	689	556	80.7	1	*	*	42	33	78.6	98	49	50.0	13	4	30.8	6	1	16.7	529	468	88.5
Village Charter**	1	*	*	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	1	*	*
Person	419	336	80.2	1	*	*	0	*	*	146	95	65.1	1	*	*	2	*	*	269	238	88.5
Randolph	1,266	982	77.6	7	5	71.0	3	*	*	59	36	61.0	42	17	40.5	3	*	*	1,152	921	79.9
Asheboro City	291	238	81.8	1	*	*	6	4	66.7	48	35	72.9	31	20	64.5	0	*	*	205	179	87.3
Rockingham	1,106	876	79.2	4	*	*	4	*	*	237	144	60.8	25	16	64.0	4	*	*	832	706	84.9
Vance	550	346	62.9	3	*	*	3	*	*	361	201	55.7	7	3	42.9	0	*	*	176	138	78.4
Wake	7,555	5,646	74.7	20	13	65.0	279	194	69.5	2,134	1,255	58.8	244	87	35.7	57	28	49.1	4,821	4,069	84.4
Magellan**	59	56	94.9	0	*	*	2	*	*	7	5	71.4	0	*	*	1	*	*	49	48	98.0
East Wake Academy**	36	28	77.8	0	*	*	0	*	*	3	*	*	0	*	*	0	*	*	33	25	75.8
Sankore School**	13	3	23.1	0	*	*	0	*	*	12	2	16.7	0	*	*	1	*	*	0	*	*
Warren	288	73	25.3	13	1	7.0	0	*	*	197	35	17.8	1	*	*	0	*	*	77	37	48.1
Wilson	974	769	79.0	2	*	*	8	4	50.0	532	368	69.2	38	21	55.3	4	*	*	390	372	95.4

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Table 8a. 1998-99 North Carolina Tests of Computer Skills Percent Passing† (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA and Ethnicity

Western Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**96,431**	**73,839**	**76.6**	**1,542**	**958**	**62.1**	**1,764**	**1,237**	**70.1**	**28,809**	**18,105**	**62.8**	**2,495**	**1,265**	**50.7**	**601**	**446**	**74.2**	**61,200**	**51,819**	**84.7**
Western Region	**7,503**	**6,272**	**83.6**	**99**	**79**	**79.8**	**51**	**43**	**84.3**	**499**	**351**	**70.3**	**118**	**72**	**61.0**	**48**	**35**	**72.9**	**6,688**	**5,692**	**85.1**
Buncombe	1,891	1,601	84.7	8	7	87.5	15	11	73.3	106	78	73.6	27	18	66.7	11	9	81.8	1,724	1,478	85.7
Asheville City	341	220	64.5	2	*	*	3	*	*	119	69	58.0	8	3	37.5	5	4	80.0	204	143	70.1
Cherokee	309	273	88.3	8	8	100.0	0	*	*	6	5	83.3	2	*	*	2	*	*	291	256	88.0
Clay	121	108	89.3	1	*	*	0	*	*	0	*	*	0	*	*	0	*	*	120	107	89.2
Graham	77	70	90.9	7	7	100.0	0	*	*	0	*	*	0	*	*	0	*	*	70	63	90.0
Haywood	666	548	82.3	3	*	*	2	*	*	12	11	91.7	12	11	91.7	2	*	*	635	520	81.9
Henderson	957	809	84.5	2	*	*	8	8	100.0	55	35	63.6	50	26	52.0	10	6	60.0	832	733	88.1
Jackson	300	253	84.3	30	22	73.3	2	*	*	2	*	*	1	*	*	5	4	80.0	260	223	85.8
Macon	365	270	74.0	1	*	*	4	*	*	6	5	83.3	1	*	*	2	*	*	351	259	73.8
Madison	195	165	84.6	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	195	165	84.6
McDowell	438	395	90.2	0	*	*	14	14	100.0	16	15	93.8	2	*	*	3	*	*	403	362	89.8
Mitchell	200	168	84.0	0	*	*	0	*	*	1	*	*	2	*	*	0	*	*	197	165	83.8
Polk	197	165	83.8	0	*	*	0	*	*	19	13	68.4	3	*	*	2	*	*	173	149	86.1
Rutherford	758	623	82.2	0	*	*	2	*	*	121	87	71.9	7	6	85.7	3	*	*	625	526	84.2
Swain	159	125	78.6	34	28	82.4	0	*	*	1	*	*	1	*	*	1	*	*	122	96	78.7
Transylvania	366	322	88.0	2	*	*	1	*	*	34	28	82.4	1	*	*	2	*	*	326	291	89.3
Yancey	163	157	96.3	1	*	*	0	*	*	1	*	*	1	*	*	0	*	*	160	156	97.5

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Notes † These data represent the highest test score of each student for all the test administrations in which the student participated
‡ Data cannot be verified in this format
*Data not reported where number tested is fewer than five The ethnic categories may not sum to total number tested and total number passing because an ethnic category may not have been coded
**Denotes a charter school For reporting purposes the charter school name has been abbreviated The complete name can be found in the Appendix
Data received from LEAs after April 30, 2000 are not included in this table

Table 8b. 1998-99 North Carolina Tests of Computer Skills Percent Passing† (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA and Ethnicity

Northwest Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percen Passin
State	96,431	73,839	76.6	1,542	958	62.1	1,764	1,237	70.1	28,809	18,105	62.8	2,495	1,265	50.7	601	446	74.2	61,200	51,819	84.7
Northwest Region	14,777	11,740	79.4	34	23	67.6	370	250	67.6	2,105	1,265	60.1	360	153	42.5	63	50	79.4	11,845	9,999	84.4
Alexander	415	356	85.8	0	*	*	11	4	36.4	21	17	81.0	3	*	*	0	*	*	380	334	87.9
Alleghany	103	97	94.2	0	*	*	0	*	*	2	*	*	1	*	*	0	*	*	100	94	94.0
Ashe	273	236	86.4	0	*	*	0	*	*	1	*	*	7	1	14.3	0	*	*	265	234	88.3
Avery	201	146	72.6	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	201	146	72.6
Burke	1,045	816	78.1	3	*	*	109	82	75.2	76	45	59.2	30	7	23.3	9	7	77.8	818	673	82.3
Caldwell	912	766	84.0	4	*	*	3	*	*	70	53	75.7	11	5	45.5	2	*	*	822	701	85.3
Catawba	1,179	858	72.8	3	*	*	62	39	62.9	69	44	63.8	18	12	66.7	3	*	*	1,024	761	74.3
Hickory City	298	230	77.2	0	*	*	31	19	61.3	66	46	69.7	6	2	33.3	3	*	*	192	160	83.3
Newton Conover City	178	151	84.8	0	*	*	15	13	86.7	17	11	64.7	12	5	41.7	0	*	*	134	122	91.0
Davidson	1,533	1,290	84.1	5	2	40.0	5	4	80.0	38	27	71.1	12	8	66.7	3	*	*	1,470	1,246	84.8
Lexington City	236	139	58.9	0	*	*	21	13	61.9	117	63	53.8	17	4	23.5	5	5	100.0	76	54	71.1
Thomasville City	171	80	46.8	0	*	*	2	*	*	95	36	37.9	10	4	40.0	0	*	*	64	39	60.9
Davie	438	408	93.2	2	*	*	3	*	*	48	40	83.3	5	3	60.0	1	*	*	379	360	95.0
Winston-Salem/Forsyth	3,000	2,300	76.7	7	6	85.7	46	33	71.7	1,003	631	62.9	108	36	33.3	28	21	75.0	1,808	1,573	87.0
Lift Academy**	42	0	0.0	0	*	*	0	*	*	42	0	0.0	0	*	*	0	*	*	0	*	*
Iredell-Statesville	1,245	851	68.4	4	*	*	34	22	64.7	262	123	46.9	25	15	60.0	3	*	*	917	684	74.6
Mooresville City	321	249	77.6	0	*	*	5	3	60.0	45	21	46.7	0	*	*	1	*	*	270	225	83.3
Stokes	638	551	86.4	2	*	*	0	*	*	29	22	75.9	9	8	88.9	2	*	*	596	518	86.9
Surry	643	553	86.0	2	*	*	3	*	*	25	18	72.0	35	16	45.7	2	*	*	576	515	89.4
Elkin City	77	72	93.5	0	*	*	0	*	*	5	5	100.0	5	3	60.0	0	*	*	67	64	95.5
Mount Airy City	117	100	85.5	0	*	*	10	5	50.0	15	13	86.7	2	*	*	0	*	*	90	80	88.9
Watauga	447	415	92.8	0	*	*	3	*	*	3	*	*	1	*	*	0	*	*	440	408	92.7
Wilkes	828	690	83.3	0	*	*	6	2	33.3	41	32	78.0	18	7	38.9	1	*	*	762	648	85.0
Yadkin	437	386	88.3	2	*	*	1	*	*	15	12	80.0	25	12	48.0	0	*	*	394	360	91.4

Notes † These data represent the highest test score of each student for all the test administrations in which the student participated
‡ Data cannot be verified in this format
*Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because an ethnic category may not have been coded
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Table 8c. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA and Ethnicity

Southwest Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**96,431**	**73,839**	**76.6**	**1,542**	**958**	**62.1**	**1,764**	**1,237**	**70.1**	**28,809**	**18,105**	**62.8**	**2,495**	**1,265**	**50.7**	**601**	**446**	**74.2**	**61,200**	**51,819**	**84.7**
Southwest Region	**21,375**	**16,310**	**76.3**	**204**	**121**	**59.3**	**518**	**369**	**71.2**	**6,867**	**4,162**	**60.6**	**567**	**279**	**49.2**	**64**	**45**	**70.3**	**13,154**	**11,333**	**86.2**
Anson	338	214	63.3	2	*	*	2	*	*	218	122	56.0	0	*	*	0	*	*	116	89	76.7
Cabarrus	1,441	1,207	83.8	5	5	100.0	10	9	90.0	196	117	59.7	30	15	50.0	6	5	83.3	1,194	1,056	88.4
Kannapolis City	345	260	75.4	0	*	*	4	*	*	121	73	60.3	13	6	46.2	2	*	*	205	176	85.9
Cleveland	689	518	75.2	0	*	*	1	*	*	150	88	58.7	4	*	*	0	*	*	533	428	80.3
Kings Mountain City	303	257	84.8	1	*	*	9	7	77.8	73	51	69.9	2	*	*	2	*	*	216	196	90.7
Shelby City	239	158	66.1	0	*	*	4	*	*	129	64	49.6	0	*	*	2	*	*	104	90	86.5
Gaston	2,379	1,900	79.9	11	7	63.6	35	20	57.1	477	325	68.1	32	15	46.9	6	6	100.0	1,818	1,527	84.0
Hoke	491	358	72.9	71	42	59.2	4	*	*	250	168	67.2	15	11	73.3	4	*	*	147	130	88.4
Lincoln	763	641	84.0	0	*	*	3	*	*	68	42	61.8	43	25	58.1	1	*	*	648	571	88.1
Charlotte/Mecklenburg	8,070	5,932	73.5	33	18	54.5	351	259	73.8	3,599	2,122	59.0	274	131	47.8	15	10	66.7	3,798	3,392	89.3
Kennedy Charter**	8	1	12.5	0	*	*	1	*	*	4	*	*	0	*	*	1	*	*	2	*	*
Montgomery	383	324	84.6	1	*	*	20	16	80.0	117	90	76.9	32	20	62.5	2	*	*	211	195	92.4
Moore	914	758	82.9	10	8	80.0	2	*	*	239	175	73.2	22	13	59.1	6	4	66.7	635	557	87.7
Richmond	580	391	67.4	9	2	22.2	3	*	*	240	146	60.8	17	6	35.3	2	*	*	309	233	75.4
Rowan-Salisbury	1,564	1,152	73.7	3	*	*	23	16	69.6	322	164	50.9	35	18	51.4	5	3	60.0	1,176	949	80.7
Scotland	606	434	71.6	46	28	60.9	6	4	66.7	279	177	63.4	1	*	*	0	*	*	274	225	82.1
Stanly	750	564	75.2	8	4	50.0	29	11	37.9	95	53	55.8	11	1	9.1	6	2	33.3	601	493	82.0
Union	1,512	1,241	82.1	4	*	*	11	8	72.7	290	185	63.8	36	16	44.4	4	*	*	1,167	1,026	87.9

Notes: † These data represent the highest test score of each student for all the test administrations in which the student participated.
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Table 8d. 1998-99 North Carolina Tests of Computer Skills Percent Passing† (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA and Ethnicity

Northeast Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**96,431**	**73,839**	**76.6**	**1,542**	**958**	**62.1**	**1,764**	**1,237**	**70.1**	**28,809**	**18,105**	**62.8**	**2,495**	**1,265**	**50.7**	**601**	**446**	**74.2**	**61,200**	**51,819**	**84.7**
Northeast Region	**7,508**	**5,166**	**68.8**	**41**	**31**	**75.6**	**35**	**24**	**68.6**	**4,084**	**2,363**	**57.9**	**67**	**37**	**55.2**	**29**	**18**	**62.1**	**3,252**	**2,693**	**82.8**
Beaufort	595	474	79.7	0	*	*	5	2	40.0	260	180	69.2	10	7	70.0	2	*	*	318	284	89.3
Bertie	356	216	60.7	0	*	*	1	*	*	301	173	57.5	0	*	*	0	*	*	54	42	77.8
Camden	109	98	89.9	0	*	*	0	*	*	26	20	76.9	0	*	*	0	*	*	83	78	94.0
Edenton/Chowan	239	207	86.6	0	*	*	0	*	*	110	85	77.3	3	*	*	2	*	*	124	118	95.2
Currituck	298	237	79.5	1	*	*	1	*	*	36	24	66.7	1	*	*	2	*	*	257	211	82.1
Dare	366	311	85.0	0	*	*	0	*	*	20	15	75.0	7	5	71.4	0	*	*	339	291	85.8
Edgecombe	669	355	53.1	0	*	*	1	*	*	423	210	49.6	14	5	35.7	1	*	*	230	138	60.0
Gates	168	137	81.5	0	*	*	0	*	*	83	62	74.7	0	*	*	1	*	*	84	74	88.1
Halifax	578	387	67.0	34	29	85.3	0	*	*	520	339	65.2	1	*	*	1	*	*	22	18	81.8
Roanoke Rapids City	218	192	88.1	0	*	*	3	*	*	36	25	69.4	3	*	*	1	*	*	175	161	92.0
Weldon City	127	68	53.5	0	*	*	0	*	*	115	60	52.2	0	*	*	1	*	*	11	7	63.6
Hertford	414	178	43.0	2	*	*	0	*	*	342	125	36.5	0	*	*	4	*	*	66	49	74.2
Hyde	60	50	83.3	0	*	*	0	*	*	30	24	80.0	0	*	*	0	*	*	30	26	86.7
Martin	414	315	76.1	0	*	*	4	*	*	227	152	67.0	3	*	*	0	*	*	180	161	89.4
Northampton	363	197	54.3	0	*	*	0	*	*	283	146	51.6	0	*	*	1	*	*	79	50	63.3
Elizabeth City/Pasquotank	536	264	49.3	1	*	*	5	3	60.0	293	111	37.9	4	*	*	3	*	*	230	145	63.0
Perquimans	176	142	80.7	0	*	*	0	*	*	68	47	69.1	2	*	*	1	*	*	105	92	87.6
Pitt	1,530	1,127	73.7	3	*	*	14	12	85.7	709	437	61.6	17	6	35.3	8	2	25.0	779	669	85.9
Right Step**	43	15	34.9	0	*	*	0	*	*	42	14	33.3	0	*	*	0	*	*	1	*	*
Tyrrell	59	54	91.5	0	*	*	1	*	*	31	28	90.3	1	*	*	0	*	*	26	24	92.3
Washington	190	142	74.7	0	*	*	0	*	*	129	86	66.7	1	*	*	1	*	*	59	54	91.5

Notes † These data represent the highest test score of each student for all the test administrations in which the student participated

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Table 8e. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA and Ethnicity

Southeast Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**96,431**	**73,839**	**76.6**	**1,542**	**958**	**62.1**	**1,764**	**1,237**	**70.1**	**28,809**	**18,105**	**62.8**	**2,495**	**1,265**	**50.7**	**601**	**446**	**74.2**	**61,200**	**51,819**	**84.7**
Southeast Region	**18,790**	**13,604**	**72.4**	**1,042**	**630**	**60.5**	**196**	**154**	**78.6**	**6,947**	**4,569**	**65.8**	**597**	**364**	**61.0**	**159**	**119**	**74.8**	**9,840**	**7,768**	**78.9**
Bladen	429	308	71.8	2	*	*	0	*	*	223	156	70.0	1	*	*	0	*	*	203	149	73.4
Brunswick	780	641	82.2	1	*	*	1	*	*	216	162	75.0	14	9	64.3	4	*	*	544	467	85.8
Carteret	765	637	83.3	4	*	*	5	4	80.0	92	52	56.5	7	3	42.9	7	7	100.0	650	568	87.4
NC School of Maritime*	49	15	30.6	0	*	*	0	*	*	4	*	*	1	*	*	1	*	*	42	13	31.0
Columbus	623	407	65.3	33	25	75.8	0	*	*	265	151	57.0	3	*	*	0	*	*	322	231	71.7
Whiteville City	193	150	77.7	1	*	*	2	*	*	85	55	64.7	0	*	*	0	*	*	105	92	87.6
Craven	1,194	1,026	85.9	2	*	*	16	12	75.0	408	300	73.5	28	21	75.0	4	*	*	736	687	93.3
Cumberland	4,010	2,690	67.1	86	54	62.8	85	69	81.2	1,844	1,140	61.8	214	141	65.9	41	33	80.5	1,740	1,253	72.0
Duplin	739	485	65.6	0	*	*	0	*	*	263	145	55.1	72	32	44.4	1	*	*	403	308	76.4
Greene	245	135	55.1	0	*	*	0	*	*	134	70	52.2	17	4	23.5	0	*	*	94	61	64.9
Jones	115	53	46.1	0	*	*	0	*	*	71	29	40.8	1	*	*	0	*	*	43	23	53.5
Lenoir	918	813	88.6	1	*	*	7	6	85.7	509	442	86.8	20	16	80.0	1	*	*	376	349	92.8
New Hanover	1,823	1,209	66.3	8	6	75.0	14	11	78.6	491	235	47.9	20	11	55.0	10	8	80.0	1,280	938	73.3
Onslow	1,941	1,190	61.3	25	16	64.0	42	29	69.0	465	237	51.0	77	42	54.5	66	41	62.1	1,266	825	65.2
Pamlico	191	151	79.1	2	*	*	1	*	*	65	49	75.4	1	*	*	2	*	*	120	96	80.0
Pender	572	522	91.3	0	*	*	1	*	*	261	241	92.3	21	21	100.0	1	*	*	288	258	89.6
Robeson	1,965	1,228	62.5	861	505	58.7	7	5	71.4	620	350	56.5	23	9	39.1	3	*	*	451	356	78.9
Sampson	487	372	76.4	4	*	*	0	*	*	155	97	62.6	25	9	36.0	0	*	*	303	264	87.1
Clinton City	200	176	88.0	8	8	100.0	1	*	*	96	74	77.1	5	4	80.0	2	*	*	88	88	100.0
Wayne	1,551	1,396	90.0	4	*	*	14	14	100.0	680	583	85.7	47	38	80.9	16	16	100.0	786	742	94.4

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‡ Data cannot be verified in this format
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Table 8f. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2002 at End of Grade 9, by LEA and Ethnicity

Central Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**96,431**	**73,839**	**76.6**	**1,542**	**958**	**62.1**	**1,764**	**1,237**	**70.1**	**28,809**	**18,105**	**62.8**	**2,495**	**1,265**	**50.7**	**601**	**446**	**74.2**	**61,200**	**51,819**	**84.7**
Central Region	**26,478**	**20,747**	**78.4**	**122**	**74**	**60.7**	**594**	**397**	**66.8**	**8,307**	**5,395**	**64.9**	**786**	**360**	**45.8**	**238**	**179**	**75.2**	**16,421**	**14,334**	**87.3**
Alamance-Burlington	1,586	1,228	77.4	2	*	*	23	11	47.8	398	277	69.6	70	23	32.9	14	13	92.9	1,079	902	83.6
Lakeside School**	18	5	27.8	0	*	*	0	*	*	11	2	18.2	1	*	*	0	*	*	6	3	50.0
River Mill Charter**	23	17	73.9	0	*	*	0	*	*	0	*	*	0	*	*	2	*	*	21	15	71.4
Caswell	283	235	83.0	2	*	*	0	*	*	122	93	76.2	1	*	*	0	*	*	158	140	88.6
Chatham	484	378	78.1	1	*	*	2	*	*	133	95	71.4	44	13	29.5	2	*	*	302	266	88.1
Woods Charter**	11	5	45.5	0	*	*	0	*	*	0	*	*	2	*	*	3	*	*	6	3	50.0
Durham	1,921	1,252	65.2	8	2	25.0	55	24	43.6	960	526	54.8	58	15	25.9	31	20	64.5	809	665	82.2
Kestrel Heights**	20	10	50.0	0	*	*	0	*	*	12	4	33.3	0	*	*	0	*	*	8	6	75.0
Franklin	528	417	79.0	3	*	*	2	*	*	229	155	67.7	9	6	66.7	2	*	*	283	251	88.7
Granville	567	454	80.1	0	*	*	2	*	*	242	169	69.8	10	3	30.0	1	*	*	312	280	89.7
Guilford	4,458	3,739	83.9	35	19	54.3	159	107	67.3	1,545	1,106	71.6	60	43	71.7	73	66	90.4	2,576	2,390	92.8
Harnett	1,125	666	59.2	12	6	50.0	3	*	*	321	161	50.2	56	20	35.7	16	9	56.3	717	470	65.6
Johnston	1,401	1,189	84.9	5	4	80.0	12	10	83.3	304	214	70.4	101	42	41.6	7	5	71.4	972	914	94.0
Lee	618	525	85.0	3	*	*	3	*	*	159	121	76.1	46	23	50.0	5	5	100.0	402	371	92.3
Nash-Rocky Mount	1,429	972	68.0	7	5	71.4	15	9	60.0	709	417	58.8	33	17	51.5	6	3	50.0	659	521	79.1
Orange	362	349	96.4	0	*	*	0	*	*	75	73	97.3	4	*	*	6	6	100.0	277	266	96.0
Chapel Hill-Carrboro City	749	615	82.1	4	*	*	46	40	87.0	121	73	60.3	22	14	63.6	12	9	75.0	544	476	87.5
New Century School**	24	13	54.2	0	*	*	0	*	*	1	*	*	1	*	*	0	*	*	22	13	59.1
Person	465	405	87.1	2	*	*	2	*	*	155	117	75.5	6	5	83.3	0	*	*	300	279	93.0
Randolph	1,236	1,035	83.7	11	8	72.7	6	5	83.3	64	45	70.3	28	15	53.6	3	*	*	1,124	961	85.5
Asheboro City	301	262	87.0	0	*	*	7	5	71.4	48	40	83.3	29	15	51.7	1	*	*	216	201	93.1
Rockingham	1,035	834	80.6	3	*	*	5	3	60.0	255	174	68.2	16	9	56.3	4	*	*	752	643	85.5
Vance	523	394	75.3	1	*	*	4	*	*	312	204	65.4	10	7	70.0	4	*	*	192	176	91.7
Wake	6,129	4,956	80.9	11	8	72.7	244	170	69.7	1,420	922	64.9	157	77	49.0	45	26	57.8	4,252	3,753	88.3
J H Baker Jr High**	8	2	25.0	0	*	*	0	*	*	7	2	28.6	0	*	*	0	*	*	1	*	*
Warren	282	134	47.5	12	5	41.7	0	*	*	229	99	43.2	0	*	*	0	*	*	41	30	73.2
Wilson	892	656	73.5	0	*	*	4	*	*	475	306	64.4	22	9	40.9	1	*	*	390	339	86.9

Notes † These data represent the highest test score of each student for all the test administrations in which the student participated

‡ Data cannot be verified in this format

*Data not reported where number tested is fewer than five The ethnic categories may not sum to total number tested and total number passing because an ethnic category may not have been coded

**Denotes a charter school For reporting purposes the charter school name has been abbreviated The complete name can be found in the Appendix

Data received from LEAs after April 30, 2000 are not included in this table

Table 9a. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA and Ethnicity

Western Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
State	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
	79,385	64,166	80.8	1,077	749	69.5	1,522	1,108	72.8	22,636	15,652	69.1	1,610	993	61.7	419	302	72.1	52,092	45,345	87.0
Western Region	6,248	5,348	85.6	80	61	76.3	47	39	83.0	400	304	76.0	77	51	66.2	32	17	53.1	5,612	4,876	86.9
Buncombe	1,617	1,415	87.5	8	7	87.5	22	17	77.3	75	60	80.0	24	20	83.3	14	10	71.4	1,474	1,301	88.3
Asheville City	314	243	77.4	1	*	*	1	*	*	108	82	75.9	12	6	50.0	4	*	*	188	155	82.4
Cherokee	245	217	88.6	6	5	83.3	1	*	*	1	*	*	3	*	*	2	*	*	232	206	88.8
Clay	97	85	87.6	0	*	*	0	*	*	0	*	*	0	*	*	0	*	*	97	85	87.6
Graham	74	65	87.8	10	10	100.0	0	*	*	0	*	*	0	*	*	0	*	*	64	55	85.9
Haywood	485	415	85.6	2	*	*	0	*	*	8	4	50.0	2	*	*	3	*	*	470	407	86.6
Henderson	759	647	85.2	2	*	*	8	7	87.5	46	31	67.4	16	9	56.3	4	*	*	683	596	87.3
Jackson	270	226	83.7	16	10	62.5	2	*	*	3	*	*	2	*	*	0	*	*	247	212	85.8
Macon	265	189	71.3	1	*	*	2	*	*	4	*	*	2	*	*	0	*	*	256	184	71.9
Madison	162	136	84.0	0	*	*	0	*	*	1	*	*	0	*	*	0	*	*	161	135	83.9
McDowell	422	361	85.5	1	*	*	9	9	100.0	22	16	72.7	0	*	*	0	*	*	390	335	85.9
Mitchell	160	138	86.3	0	*	*	2	*	*	0	*	*	0	*	*	0	*	*	158	137	86.7
Polk	137	123	89.8	1	*	*	0	*	*	12	10	83.3	4	*	*	0	*	*	120	109	90.8
Rutherford	662	584	88.2	0	*	*	0	*	*	100	80	80.0	6	4	66.7	0	*	*	556	500	89.9
Swain	138	110	79.7	30	23	76.7	0	*	*	1	*	*	2	*	*	3	*	*	102	85	83.3
Transylvania	292	246	84.2	2	*	*	0	*	*	17	13	76.5	0	*	*	2	*	*	271	231	85.2
Yancey	149	148	99.3	0	*	*	0	*	*	2	*	*	4	*	*	0	*	*	143	143	100.0

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Notes: * These data represent the highest test score of each student for all the test administrations in which the student participated
† Data cannot be verified in this format
*Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because ethnic category may not have been coded
**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete name can be found in the Appendix.
Data received from LEAs after April 30, 2000 are not included in this table

Table 9b. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA and Ethnicity

Northwest Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	79,385	64,166	80.8	1,077	749	69.5	1,522	1,108	72.8	22,636	15,652	69.1	1,610	993	61.7	419	302	72.1	52,092	45,345	87.0
Northwest Region	12,232	10,440	85.3	20	15	75.0	267	191	71.5	1,726	1,258	72.9	240	152	63.3	42	28	66.7	9,937	8,796	88.5
Alexander	314	290	92.4	0	•	•	7	5	71.4	18	16	88.9	3	•	•	0	•	•	286	266	93.0
Alleghany	102	98	96.1	0	•	•	0	•	•	0	•	•	2	•	•	0	•	•	100	96	96.0
Ashe	224	204	91.1	0	•	•	0	•	•	2	•	•	0	•	•	0	•	•	222	202	91.0
Avery	164	138	84.1	0	•	•	0	•	•	0	•	•	1	•	•	1	•	•	162	136	84.0
Burke	889	757	85.2	4	•	•	83	65	78.3	61	48	78.7	19	11	57.9	3	•	•	719	627	87.2
Caldwell	779	678	87.0	0	•	•	3	•	•	55	39	70.9	8	5	62.5	3	•	•	710	630	88.7
Catawba	1,025	802	78.2	2	•	•	53	31	58.5	68	47	69.1	21	13	61.9	5	2	40.0	876	708	80.8
Hickory City	242	180	74.4	0	•	•	19	11	57.9	40	19	47.5	7	6	85.7	1	•	•	175	144	82.3
Newton Conover City	214	203	94.9	0	•	•	17	14	82.4	40	38	95.0	9	6	66.7	1	•	•	147	145	98.6
Davidson	1,152	978	84.9	5	2	40.0	8	6	75.0	19	16	84.2	9	5	55.6	3	•	•	1,108	946	85.4
Lexington City	147	125	85.0	0	•	•	10	8	80.0	68	56	82.4	3	•	•	1	•	•	65	59	90.8
Thomasville City	122	75	61.5	0	•	•	0	•	•	57	29	50.9	9	3	33.3	1	•	•	55	42	76.4
Davie	360	344	95.6	0	•	•	4	•	•	33	31	93.9	3	•	•	0	•	•	320	306	95.6
Winston-Salem/Forsyth	2,626	2,266	86.3	3	•	•	21	18	85.7	867	648	74.7	70	44	62.9	14	9	64.3	1,651	1,544	93.5
Lift Academy**	18	2	11.1	0	•	•	0	•	•	18	2	11.1	0	•	•	0	•	•	0	•	•
Iredell-Statesville	998	784	78.6	1	•	•	21	13	61.9	205	140	68.3	13	10	76.9	0	•	•	758	620	81.8
Mooresville City	243	189	77.8	0	•	•	8	7	87.5	41	31	75.6	3	•	•	0	•	•	191	148	77.5
Stokes	485	406	83.7	3	•	•	2	•	•	17	12	70.6	3	•	•	2	•	•	458	389	84.9
Surry	527	491	93.2	0	•	•	1	•	•	36	24	66.7	19	13	68.4	1	•	•	470	453	96.4
Elkin City	84	78	92.9	0	•	•	0	•	•	5	3	60.0	2	•	•	0	•	•	77	75	97.4
Mount Airy City	130	121	93.1	1	•	•	7	5	71.4	11	10	90.9	2	•	•	0	•	•	109	104	95.4
Watauga	354	331	93.5	1	•	•	1	•	•	4	•	•	3	•	•	2	•	•	343	320	93.3
Wilkes	677	578	85.4	0	•	•	2	•	•	42	28	66.7	13	6	46.2	2	•	•	618	542	87.7
Yadkin	356	322	90.4	0	•	•	0	•	•	19	15	78.9	18	11	61.1	2	•	•	317	294	92.7

Notes • These data represent the highest test score of each student for all the test administrations in which the student participated.
‡ Data cannot be verified in this format.
•Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because ethnic category may not have been coded.
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Table 9c. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA and Ethnicity

Southwest Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**79,385**	**64,166**	**80.8**	**1,077**	**749**	**69.5**	**1,522**	**1,108**	**72.8**	**22,636**	**15,652**	**69.1**	**1,610**	**993**	**61.7**	**419**	**302**	**72.1**	**52,092**	**45,345**	**87.0**
Southwest Region	**16,826**	**13,727**	**81.6**	**120**	**91**	**75.8**	**468**	**342**	**73.1**	**4,868**	**3,339**	**68.6**	**318**	**194**	**61.0**	**56**	**47**	**83.9**	**10,995**	**9,714**	**88.3**
Anson	266	177	66.5	1	*	*	1	*	*	164	93	56.7	0	*	*	0	*	*	100	84	84.0
Cabarrus	1,152	1,006	87.3	6	5	83.3	13	8	61.5	130	95	73.1	24	7	29.2	5	4	80.0	974	887	91.1
Kannapolis City	243	209	86.0	0	*	*	6	4	66.7	77	61	79.2	5	3	60.0	1	*	*	154	140	90.9
Cleveland	627	508	81.0	1	*	*	1	*	*	135	94	69.6	6	3	50.0	2	*	*	481	407	84.6
Kings Mountain City	256	237	92.6	0	*	*	8	7	87.5	72	64	88.9	0	*	*	2	*	*	174	164	94.3
Shelby City	173	157	90.8	0	*	*	3	*	*	74	64	86.5	1	*	*	1	*	*	94	90	95.7
Gaston	1,739	1,514	87.1	2	*	*	35	23	65.7	338	259	76.6	18	13	72.2	1	*	*	1,345	1,216	90.4
Hoke	371	334	90.0	36	27	75.0	3	*	*	205	179	87.3	4	*	*	5	5	100.0	118	116	98.3
Lincoln	643	536	83.4	2	*	*	7	5	71.4	55	40	72.7	18	11	61.1	3	*	*	558	476	85.3
Charlotte/Mecklenburg	6,212	4,789	77.1	17	13	76.5	317	238	75.1	2,339	1,488	63.6	155	93	60.0	22	18	81.8	3,362	2,939	87.4
Kennedy Charter**	2	*	*	0	*	*	0	*	*	1	*	*	0	*	*	0	*	*	1	*	*
Montgomery	286	257	89.9	0	*	*	9	6	66.7	90	72	80.0	11	9	81.8	0	*	*	176	170	96.6
Moore	718	559	77.9	5	3	60.0	5	3	60.0	181	117	64.6	13	10	76.9	3	*	*	511	425	83.2
Richmond	559	403	72.1	6	4	66.7	10	7	70.0	254	169	66.5	4	*	*	1	*	*	284	220	77.5
Rowan-Salisbury	1,297	1,076	83.0	3	*	*	20	17	85.0	255	166	65.1	28	21	75.0	4	*	*	987	869	88.0
Scotland	398	320	80.4	35	31	88.6	4	*	*	181	135	74.6	1	*	*	0	*	*	177	151	85.3
Stanly	659	602	91.4	2	*	*	20	11	55.0	113	89	78.8	6	5	83.3	1	*	*	517	494	95.6
Union	1,225	1,043	85.1	4	*	*	6	5	83.3	204	154	75.5	24	11	45.8	5	5	100.0	982	866	88.2

Notes † These data represent the highest test score of each student for all the test administrations in which the student participated.
‡ Data cannot be verified in this format.
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Table 9d. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA and Ethnicity

Northeast Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**79,385**	**64,166**	**80.8**	**1,077**	**749**	**69.5**	**1,522**	**1,108**	**72.8**	**22,636**	**15,652**	**69.1**	**1,610**	**993**	**61.7**	**419**	**302**	**72.1**	**52,092**	**45,345**	**87.0**
Northeast Region	**5,699**	**4,202**	**73.7**	**30**	**21**	**70.0**	**39**	**29**	**74.4**	**2,902**	**1,862**	**64.2**	**51**	**28**	**54.9**	**17**	**12**	**70.6**	**2,658**	**2,250**	**84.7**
Beaufort	464	377	81.3	0	*	*	1	*	*	202	143	70.8	5	3	60.0	1	*	*	255	229	89.8
Bertie	265	165	62.3	0	*	*	0	*	*	228	133	58.3	0	*	*	1	*	*	36	31	86.1
Camden	88	87	98.9	0	*	*	1	*	*	22	22	100.0	0	*	*	0	*	*	65	64	98.5
Edenton/Chowan	134	121	90.3	0	*	*	0	*	*	68	56	82.4	1	*	*	0	*	*	65	64	98.5
Currituck	222	166	74.8	1	*	*	1	*	*	25	16	64.0	2	*	*	2	*	*	191	144	75.4
Dare	335	265	79.1	1	*	*	2	*	*	14	14	100.0	6	3	50.0	1	*	*	310	246	79.4
Edgecombe	510	345	67.6	0	*	*	0	*	*	303	179	59.1	11	4	36.4	0	*	*	196	162	82.7
Gates	124	110	88.7	0	*	*	0	*	*	65	54	83.1	0	*	*	0	*	*	59	56	94.9
Halifax	336	323	96.1	22	14	63.6	0	*	*	299	299	100.0	1	*	*	3	*	*	11	9	81.8
Roanoke Rapids City	200	176	88.0	4	*	*	7	5	71.4	34	29	85.3	3	*	*	0	*	*	152	136	89.5
Weldon City	63	48	76.2	0	*	*	0	*	*	60	46	76.7	0	*	*	0	*	*	3	*	*
Hertford	296	122	41.2	0	*	*	0	*	*	231	74	32.0	0	*	*	1	*	*	64	47	73.4
Hyde	56	44	78.6	0	*	*	0	*	*	22	15	68.2	0	*	*	0	*	*	34	29	85.3
Martin	337	251	74.5	0	*	*	0	*	*	184	128	69.6	4	*	*	0	*	*	149	122	81.9
Northampton	265	124	46.8	0	*	*	0	*	*	227	93	41.0	0	*	*	0	*	*	38	31	81.6
Elizabeth City/Pasquotank	398	245	61.6	1	*	*	3	*	*	198	100	50.5	5	3	60.0	1	*	*	189	139	73.5
Perquimans	118	100	84.7	0	*	*	0	*	*	42	30	71.4	0	*	*	2	*	*	74	68	91.9
Pitt	1,244	963	77.4	1	*	*	22	16	72.7	515	330	64.1	12	7	58.3	3	*	*	691	606	87.7
Right Step**	8	2	25.0	0	*	*	0	*	*	8	2	25.0	0	*	*	0	*	*	0	*	*
Tyrrell	57	48	84.2	0	*	*	1	*	*	30	26	86.7	0	*	*	0	*	*	26	21	80.8
Washington	179	120	67.0	0	*	*	1	*	*	125	73	58.4	1	*	*	2	*	*	50	44	88.0

Notes * These data represent the highest test score of each student for all the test administrations in which the student participated.
† Data cannot be verified in this format.
*Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because ethnic category may not have been coded.
**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete name can be found in the Appendix.
Data received from LEAs after April 30, 2000 are not included in this table.

Table 9e. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA and Ethnicity

Southeast Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**79,385**	**64,166**	**80.8**	**1,077**	**749**	**69.5**	**1,522**	**1,108**	**72.8**	**22,636**	**15,652**	**69.1**	**1,610**	**993**	**61.7**	**419**	**302**	**72.1**	**52,092**	**45,345**	**87.0**
Southeast Region	**15,252**	**11,628**	**76.2**	**738**	**509**	**69.0**	**147**	**108**	**73.5**	**5,610**	**3,983**	**71.0**	**421**	**287**	**68.2**	**126**	**86**	**68.3**	**8,206**	**6,653**	**81.1**
Bladen	387	282	72.9	3	*	*	1	*	*	150	114	76.0	3	*	*	0	*	*	230	162	70.4
Brunswick	606	540	89.1	4	*	*	3	*	*	157	135	86.0	5	4	80.0	0	*	*	437	395	90.4
Carteret	633	551	87.0	2	*	*	5	4	80.0	82	62	75.6	7	7	100.0	3	*	*	534	473	88.6
NC School of Maritime*	23	7	30.4	0	*	*	0	*	*	7	3	42.9	0	*	*	0	*	*	16	4	25.0
Columbus	527	431	81.8	31	30	96.8	0	*	*	235	169	71.9	4	*	*	0	*	*	257	230	89.5
Whiteville City	186	161	86.6	2	*	*	0	*	*	81	59	72.8	0	*	*	0	*	*	103	100	97.1
Craven	962	820	85.2	5	4	80.0	7	7	100.0	331	245	74.0	20	20	100.0	1	*	*	598	544	91.0
Cumberland	3,475	2,547	73.3	65	46	70.8	62	46	74.2	1,636	1,066	65.2	185	135	73.0	37	26	70.3	1,490	1,228	82.4
Duplin	532	369	69.4	0	*	*	0	*	*	216	138	63.9	32	11	34.4	1	*	*	283	219	77.4
Greene	198	150	75.8	0	*	*	0	*	*	115	77	67.0	6	5	83.3	0	*	*	77	68	88.3
Jones	104	75	72.1	0	*	*	0	*	*	61	40	65.6	0	*	*	0	*	*	43	35	81.4
Lenoir	699	675	96.6	3	*	*	2	*	*	358	344	96.1	7	4	57.1	1	*	*	328	324	98.8
New Hanover	1,433	925	64.5	9	4	44.4	10	7	70.0	336	158	47.0	14	7	50.0	8	5	62.5	1,056	744	70.5
Onslow	1,558	844	54.2	2	*	*	33	18	54.5	361	187	51.8	51	28	54.9	57	33	57.9	1,054	577	54.7
Pamlico	154	128	83.1	1	*	*	0	*	*	69	55	79.7	2	*	*	0	*	*	82	70	85.4
Pender	412	386	93.7	0	*	*	2	*	*	145	137	94.5	8	8	100.0	1	*	*	256	238	93.0
Robeson	1,438	960	66.8	601	401	66.7	0	*	*	444	264	59.5	20	7	35.0	0	*	*	372	287	77.2
Sampson	467	408	87.4	2	*	*	0	*	*	188	151	80.3	20	13	65.0	3	*	*	254	239	94.1
Clinton City	162	146	90.1	8	7	87.5	1	*	*	71	62	87.3	7	5	71.4	1	*	*	73	69	94.5
Wayne	1,296	1,223	94.4	0	*	*	21	19	90.5	567	517	91.2	30	27	90.0	13	13	100.0	663	647	97.6

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Notes * These data represent the highest test score of each student for all the test administrations in which the student participated.
‡ Data cannot be verified in this format
*Data not reported where number tested is fewer than five. The ethnic categories may not sum to total number tested and total number passing because ethnic category may not have been coded
**Denotes a charter school. For reporting purposes the charter school name has been abbreviated. The complete name can be found in the Appendix
Data received from LEAs after April 30, 2000 are not included in this table

Table 9f. 1998-99 North Carolina Tests of Computer Skills Percent Passing (Multiple-Choice and Performance) for the Class of 2001 at End of Grade 10, by LEA and Ethnicity

Central Region

	Total			American Indian			Asian			Black			Hispanic			Multi-Racial			White		
	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing	Number Tested	Number Passing	Percent Passing
State	**79,385**	**64,166**	**80.8**	**1,077**	**749**	**69.5**	**1,522**	**1,108**	**72.8**	**22,636**	**15,652**	**69.1**	**1,610**	**993**	**61.7**	**419**	**302**	**72.1**	**52,092**	**45,345**	**87.0**
Central Region	**23,128**	**18,821**	**81.4**	**89**	**52**	**58.4**	**554**	**399**	**72.0**	**7,130**	**4,906**	**68.8**	**503**	**281**	**55.9**	**146**	**112**	**76.7**	**14,684**	**13,056**	**88.9**
Alamance-Burlington	1,109	918	82.8	3	*	*	19	9	47.4	225	161	71.6	28	12	42.9	2	*	*	832	733	88.1
Lakeside School**	5	0	0.0	0	*	*	0	*	*	2	*	*	0	*	*	0	*	*	3	*	*
River Mill Charter**	15	12	80.0	0	*	*	0	*	*	0	*	*	0	*	*	1	*	*	14	12	85.7
Caswell	265	216	81.5	0	*	*	1	*	*	139	107	77.0	1	*	*	0	*	*	124	108	87.1
Chatham	417	362	86.8	0	*	*	1	*	*	98	80	81.6	10	6	60.0	1	*	*	307	274	89.3
Woods Charter**	9	6	66.7	0	*	*	0	*	*	0	*	*	0	*	*	1	*	*	8	5	62.5
Durham	1,579	1,107	70.1	4	*	*	42	29	69.0	767	457	59.6	32	15	46.9	19	11	57.9	715	593	82.9
Franklin	441	357	81.0	4	*	*	0	*	*	192	137	71.4	6	4	66.7	3	*	*	236	210	89.0
Granville	395	349	88.4	0	*	*	1	*	*	122	100	82.0	11	3	27.3	0	*	*	261	245	93.9
Guilford	4,692	3,938	83.9	24	13	54.2	168	116	69.0	1,662	1,214	73.0	78	54	69.2	68	56	82.4	2,670	2,470	92.5
Harnett	991	800	80.7	14	7	50.0	8	8	100.0	309	228	73.8	32	17	53.1	10	9	90.0	618	531	85.9
Johnston	1,107	960	86.7	4	*	*	6	3	50.0	216	158	73.1	39	27	69.2	4	*	*	838	767	91.5
Lee	541	461	85.2	2	*	*	5	3	60.0	148	117	79.1	42	24	57.1	2	*	*	342	313	91.5
Nash-Rocky Mount	1,321	861	65.2	5	1	20.0	9	7	77.8	682	362	53.1	18	9	50.0	1	*	*	606	481	79.4
Orange	230	210	91.3	0	*	*	1	*	*	34	32	94.1	0	*	*	0	*	*	195	177	90.8
Chapel Hill-Carrboro City	652	580	89.0	1	*	*	33	30	90.9	99	63	63.6	16	7	43.8	7	7	100.0	496	472	95.2
New Century School**	21	15	71.4	0	*	*	1	*	*	2	*	*	1	*	*	0	*	*	17	13	76.5
Person	405	382	94.3	2	*	*	0	*	*	144	130	90.3	5	3	60.0	0	*	*	254	247	97.2
Randolph	969	834	86.1	1	*	*	3	*	*	52	37	71.2	26	9	34.6	2	*	*	885	783	88.5
Asheboro City	229	221	96.5	1	*	*	4	*	*	43	40	93.0	14	12	85.7	1	*	*	166	164	98.8
Rockingham	867	709	81.8	4	*	*	8	8	100.0	221	163	73.8	10	4	40.0	1	*	*	623	531	85.2
Vance	386	335	86.8	1	*	*	2	*	*	224	180	80.4	4	*	*	2	*	*	153	149	97.4
Wake	5,428	4,448	81.9	12	9	75.0	234	171	73.1	1,171	809	69.1	117	63	53.8	20	11	55.0	3,874	3,385	87.4
J H Baker Jr High**	5	3	60.0	0	*	*	0	*	*	4	*	*	0	*	*	0	*	*	1	*	*
Warren	235	89	37.9	7	4	57.1	0	*	*	176	58	33.0	1	*	*	1	*	*	50	27	54.0
Wilson	814	648	79.6	0	*	*	8	4	50.0	398	269	67.6	12	9	75.0	0	*	*	396	366	92.4

Notes: † These data represent the highest test score of each student for all the test administrations in which the student participated.
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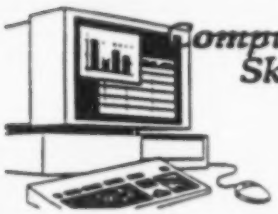
Sample Questions for the North Carolina Tests of Computer Skills



V. Sample Test Questions

North Carolina Tests of Computer Skills

Multiple-Choice Test This test consists of 70 questions that ask you about the use of computers in society, hardware and software components, keyboarding, and how to use specific software applications—word processing, database, spreadsheet, and telecomputing.

Directions: To answer a question, first decide which is the ***best*** answer choice for a particular question. Then, find the question number on your answer grid (below) and make a mark in the circle containing the letter of the correct answer. Remember to mark only one answer for each question.

1	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5	Ⓐ	Ⓑ	Ⓒ	Ⓓ
6	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Performance Test This test consists of four parts—Keyboarding Techniques, Word Processing/Editing, Database Use, and Spreadsheet Use—that assess how well you can use specific software applications.

Directions: Read the directions at the beginning of each part. Then complete the task or questions. For the Keyboarding Techniques and Word Processing/Editing parts you must print out your work. For the Database Use and Spreadsheet Use parts you should mark your answers in the space provided next to each question.

Multiple-Choice Test

1. Doing research by using an on-line database instead of a printed set of similar information offers which advantage?

   * A more current information

   B better charts

   C easier to understand tables

   D more legible diagrams

2. Upon walking into Mr. Johnson's workroom, Daryl saw a test for tomorrow on the computer screen. Which of the following can Daryl ethically do?

   A Correct obvious errors on the test to help Mr. Johnson avoid embarrassment.

   B Read the questions as a study guide.

   C Add a few well-chosen questions that Mr. Johnson left out.

   * D Leave the room without reading the test questions.

3. What is the function of a disk drive?

   A to print sheets of paper

   * B to read from or write information to a floppy disk

   C to display information or pictures on a screen

   D to calculate numbers

4. For a social studies report, Fred needs to illustrate the products of North Carolina with pictures and comparison graphs. He would ***most likely*** use which software programs?

   A spreadsheet and statistical

   B spreadsheet and database

   * C graphing and clip art

   D clip art and drawing

5. For correct keyboarding, what is the recommended placement of fingers on the home row keys?

   * A fingers of the left hand on A-S-D-F and fingers on the right hand on J-K-L-;

   B fingers of the right hand on A-S-D-F and fingers on the left hand on J-K-L-;

   C fingers of the left hand on A-S-E-F and fingers on the right hand on J-K-O-P

   D fingers of the left hand on Q-W-E-R and fingers on the right hand on U-I-O-P

6. Jim is typing a song on his word processor. The song has four verses, and the chorus is repeated after each verse. What would be the ***most efficient*** way to enter the song, making sure the chorus is repeated after each verse?

A type the chorus four times

B copy the chorus on a copy machine and then cut and paste it into his document

* C use the Copy Command on his word processor

D highlight the text and change it to **Bold**

7. Which is ***not*** an advantage of using computerized spreadsheets?

A speed of calculation

B flexibility of moving entries

* C cost of initial set-up

D ability to generate tables

8. Bob Smith plans to run for governor of North Carolina. One part of his platform deals with increasing medical services to rural areas. Which of the following will ***best*** help determine where money should be spent to open clinics?

* A Search a NC database for type of community = "rural" and then Sort on the field showing the number of doctors.

B Sort a NC database on the type of community and then Search number of doctors < = 5.

C Search a NC database for type of community = "rural" and then Search number of doctors < = 5.

D Sort a NC database on the type of community and then Sort on the field showing the number of doctors.

9. Using an electronic bulletin board, Andy can do all of the following ***except*** which one?

A send private messages to a friend

B send a public message to friends interested in one topic

C send pictures to a friend

* D send a package to a friend

Performance Test
Part I: Keyboarding Techniques

Directions:

1. Key as accurately as possible the paragraphs below. Remember to use correct keyboarding techniques. Note: Do not worry about any differences in word wrap between what you type and how the paragraphs appear on this page.
2. When you have finished keying the paragraphs, print your work.

USING DATABASES IN THE SOCIAL STUDIES CLASS

In our eighth grade social studies class we are using computers with a database program. When we need information on a country, we look up the name of the country on an atlas program. We have six different diskettes.

Yesterday, we were doing a project on the United States of America. One of our assignments was to find the following:

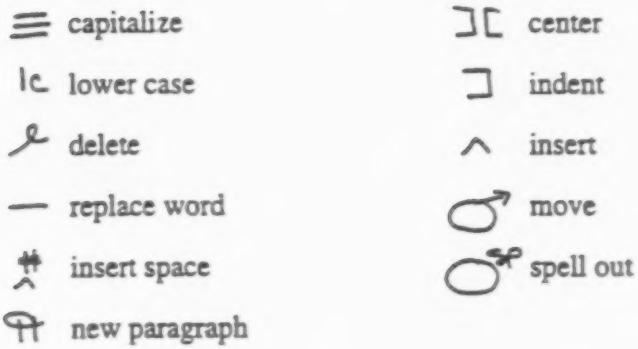
North Carolina
Utah
New Mexico
Vermont
Florida
Texas.

Performance Test
Part II: Word Processing/Editing

Directions:

1. Edit the paragraph below. You may use the "Edit Symbol Reference Table" provided below if you need assistance.
2. When you have finished editing the paragraph, print your work.

Edit Symbol Reference Table



] USING DATABASES FOR SOCIAL STUDIES [

In our eighth grade social studies class we are using computers with a database program. When we need information on a country, we look up the name of the country on an atlas program. We have six different diskettes.

Performance Test
Part III: Database Use

Directions: Use your database program and the file called PLANETS.

1. Read the *scenario*.
2. Use the database file to respond to the questions below.
3. When asked to "describe the steps you took to find your answer," use appropriate database terms. For example, "Sorted the Number of Moons field in descending order" or "Searched the Number of Moons field for all records greater than 2."

Scenario:

Your eighth grade science classes have entered a contest to build a new solar system. Before you start making planets for the solar system in your class, you must gather data on each planet. Use the database PLANETS to find the data you need.

Sample Record from PLANETS Database.

Planet:	Earth
Prob Temp (F):	72
Number of Moons:	1
Length of Year:	365.3
Gravity at Surf:	1
Dist from Sun:	93,000,000
Atmosphere:	nitrogen, oxygen, carbon dioxide, water vapor

_____ 1. Which planet has the smallest Gravity at Surface?

_____ 2. Which planet, with surface gravity (Gravity at Surf) of at least 1.10, has the most moons?

Explanation: Use database terms to describe the steps you took to find your answer.

_____

_____

_____

Performance Test
Part IV: Spreadsheet Use

Directions: Use your spreadsheet program and the file called NUTRIENTS.

1. Read the *scenario*.
2. Use the spreadsheet file to respond to the questions below.

Scenario:

The school cafeteria staff is letting your class plan the meals for a week. You can serve pizza, but you also must serve one plate of "regular" food. Use the spreadsheet NUTRIENTS to help plan the meals.

Excerpt from NUTRIENTS Spreadsheet.

Item	Qty. Servings	Protein (grams)	Vitamin C (mg)	Calcium (mg)	Iron (mg)
Chicken Drumstick	0	0	0	0	0
Hamburger Patty	0	0	0	0	0
Fresh Spinach	0	0	0	0	0
Baked Potato	0	0	0	0	0
Fresh Corn	0	0	0	0	0
Cooked Fresh Carrots	0	0	0	0	0
Raw Cabbage	0	0	0	0	0
Banana	0	0	0	0	0
Apple	0	0	0	0	0
Total Nutrients:		0	0	0	0

_____ 1. How many milligrams (mg) of Iron are in 2 Bananas and 4 servings of Fresh Spinach?

_____ 2. How many servings of Cooked Fresh Carrots will give the same amount of calcium as 24 servings of Apples?

Answers to Sample Tests and Notes

Multiple-Choice Test

1. The correct answer is A. This question measures how well you understand how computers are used as a tool for accessing information.

2. The correct answer is D. This question measures how well you understand the ethical use of computers and respect the computer-generated work of others.

3. The correct answer is B. This question measures your understanding of the components of a computer—hardware and software. You may also be asked about other physical components of a computer, their function, and use.

4. The correct answer is C. This question measures your knowledge of the use of software in various subjects to solve problems. You may also be asked about other types of software, e.g., probeware used in science, database programs in social studies.

5. The correct answer is A. This question measures your knowledge of correct keyboarding skills and finger placement on the home row keys.

6. The correct answer is C. This question measures you ability to use the Copy and Paste functions while word processing. You may also be asked about other functions (e.g., Move, Print) and utilities (e.g., spell checker, grammar checker), and about producing desktop published documents.

7. The correct answer is C. This question measures your understanding of the advantages (or disadvantages) of using a computerized spreadsheet versus a printed spreadsheet. You may also be asked to use a spreadsheet to test simple "What if?" statements.

8. The correct answer is A. This question measures your ability to use sorting and searching techniques to solve a problem while using a database program.

9. The correct answer is D. This question measures your understanding of how an electronic bulletin board works.

Performance Test

Part I: Keyboarding Techniques. This task is scored for typing accuracy, spacing, and length.

Part II: Word Processing/Editing. This task is scored for the number of correct edits and if other errors are made while editing.

Part III: Database Use.

1. The correct answer is "Pluto." This question measures your ability to Sort a database.

2. The correct answer is "Saturn." Your answer is also scored for how well you explain how you determined your answer to the question ("I searched the field Gravity at Surf > or = 1.10 and then sorted the records on the field Number of Moons in descending order.") This question measures your ability to use searching and sorting techniques to solve a problem.

Part IV: Spreadsheet Use.

1. The correct answer is 6.8. This question measures your ability to use a spreadsheet to test simple "What if?" statements.

2. The correct answer is 5. This question also measures your ability to use a spreadsheet to test simple "What if?" statements.

Appendix

List of Charter Schools

American Renaissance
Arapahoe Charter
Arts & Basics Charter School (ABCS)
Brevard Academy
Bridges
Bright Horizons Academy
Carter Community
Carter G. Woodson School of Challenge
Catawba Valley Academy
Change For Youth
Chatham Charter
Children's Village Academy
Communities in Schools Academy (CIS)
Community Charter School
Dillard Academy
Downtown Middle School
East Wake Academy
East Winston Primary
Englemann School of the Arts and Sciences
Exploris
Francine Delaney New School for Children
Franklin Academy
Grandfather Academy
Harnett Co. Technical
Harnett Early Childhood
Healthy Start Academy
Highland Kindergarten
Imani Institute
John H. Baker, Jr. High
Kennedy Charter
Kestrel Heights
Lake Norman
Lakeside School
Laurinburg
Lift Academy
Lincoln Charter
Magellan Charter
Maureen Joy
NC School of Maritime Studies
New Century School
Nguzo Saba Charter
Orange County Charter
PHASE Academy
Quality Education Academy
Right Step Academy
River Mill Charter
Rocky Mount Charter Public School
Sallie B. Howard School
Sankore School
School in the Community
School of Mathematics, Arts, Sciences, and Technology (MAST)
SPARC Academy
Sterling Montessori Academy
Summit Charter
The Learning Center
Tiller School
Turning Point
United Children's Ability Nook (UCAN)
Village Charter
Wilkes Co. Alternative
Woods Charter

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